

FIGURE 2

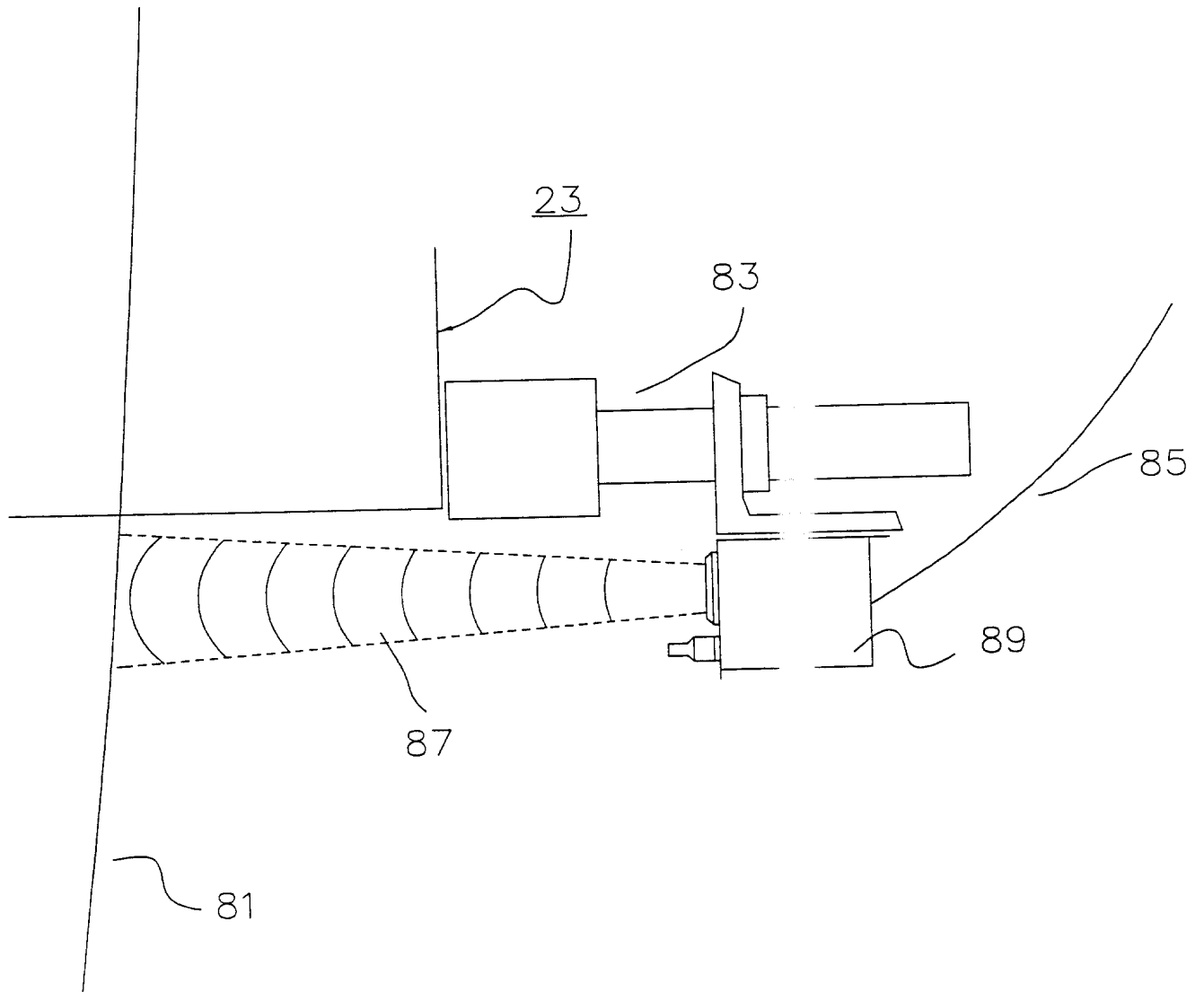


FIGURE 3

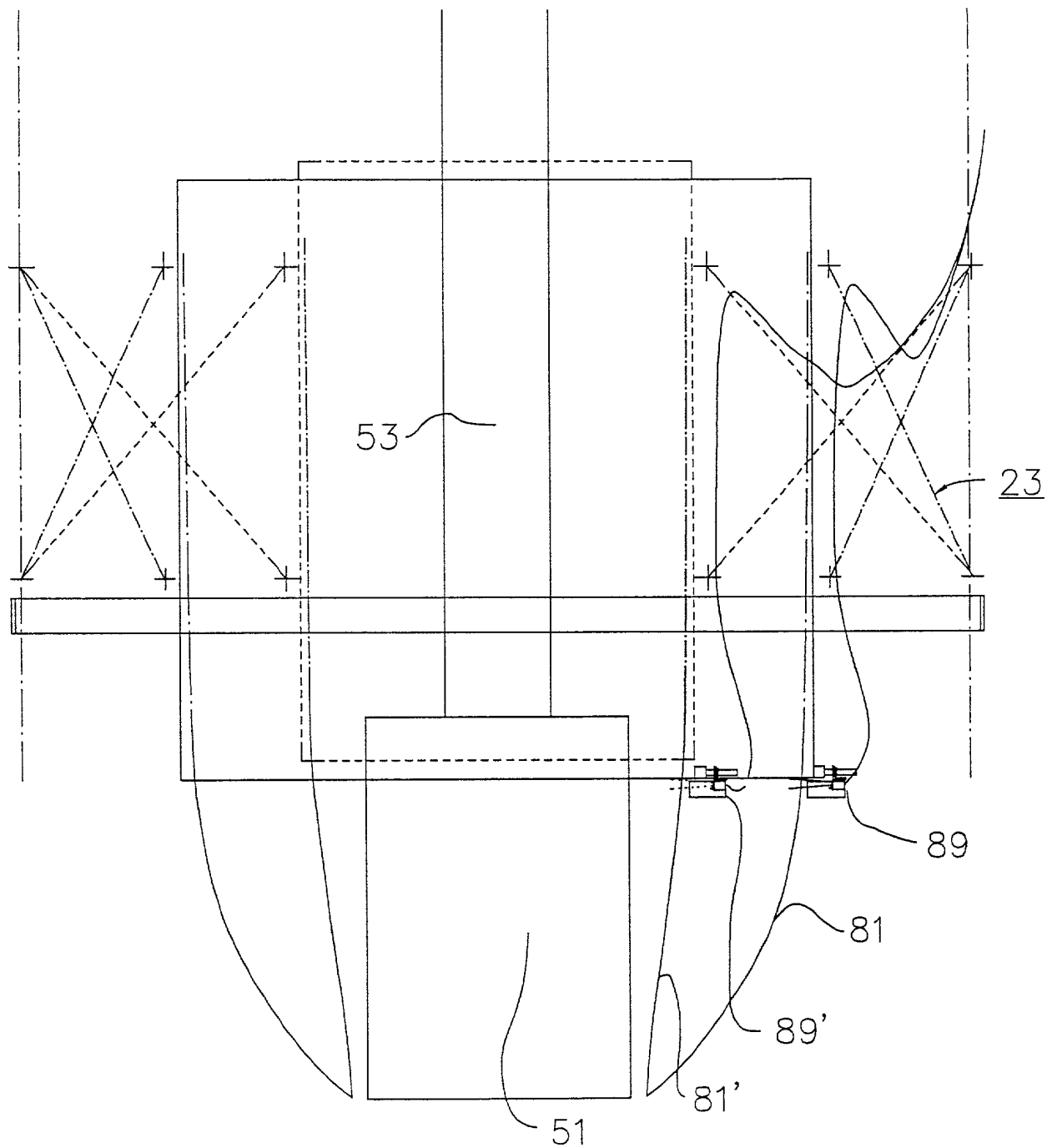


FIGURE 4

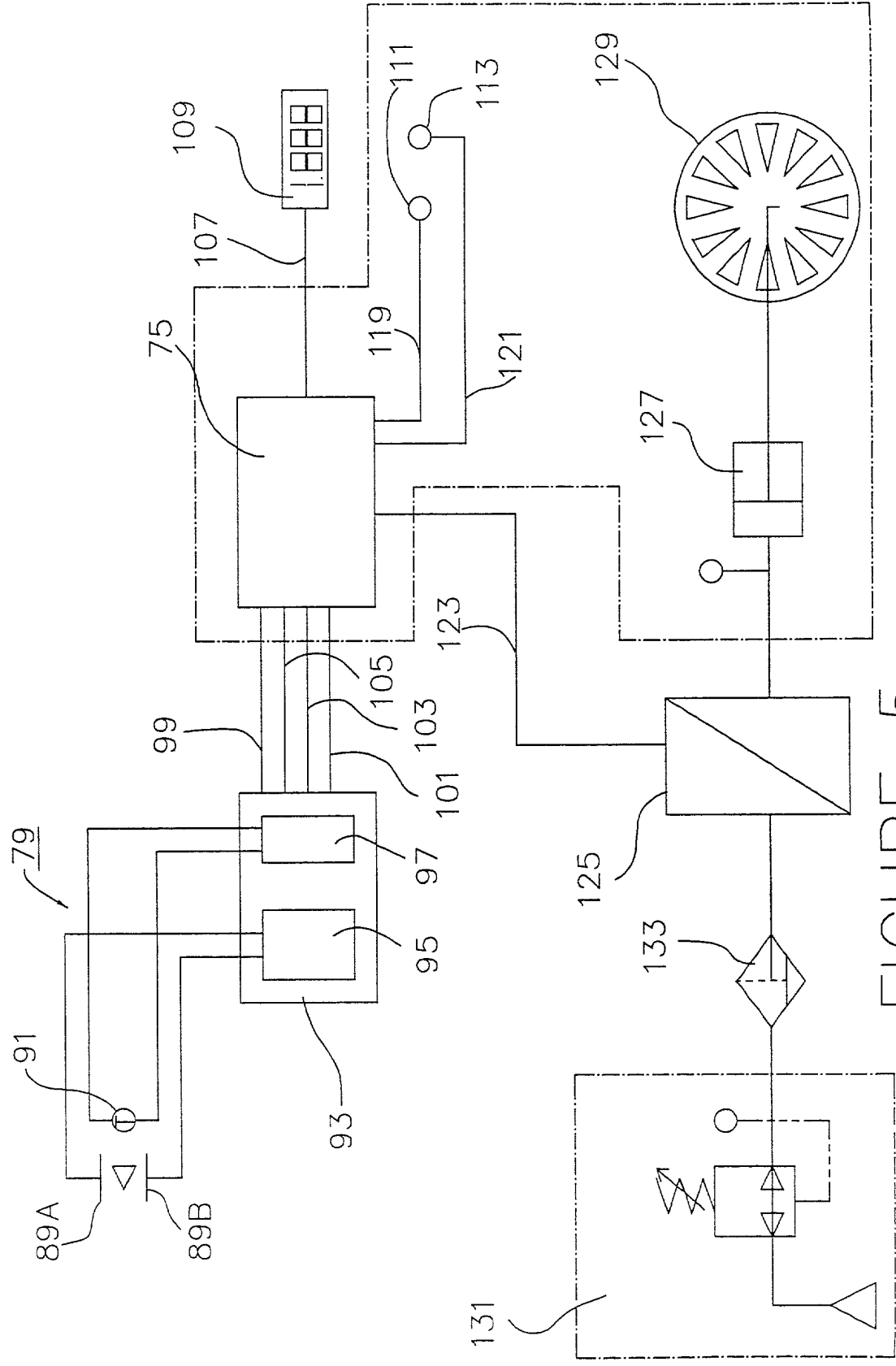


FIGURE 5

FIGURE 6

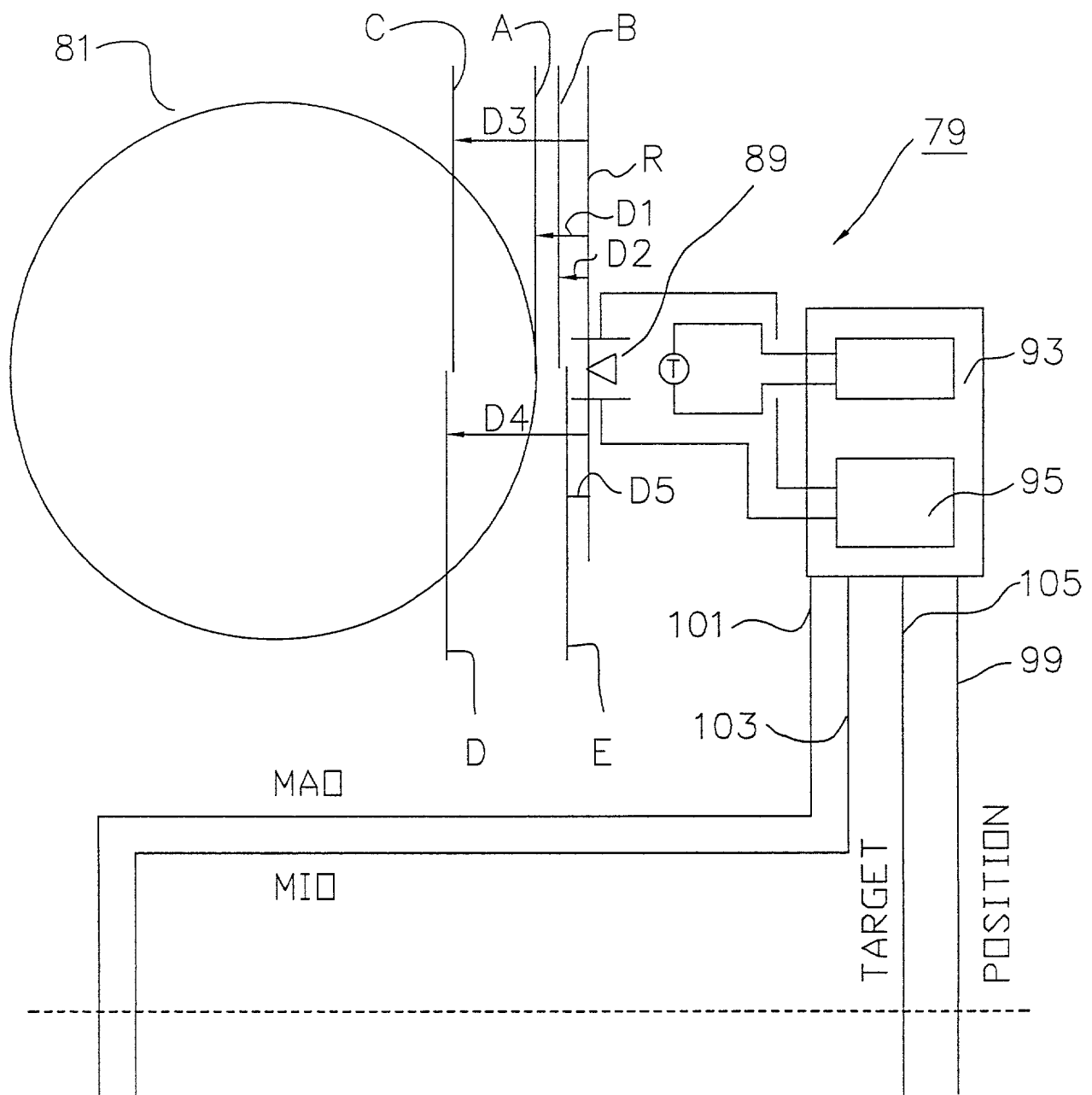


FIGURE 7A

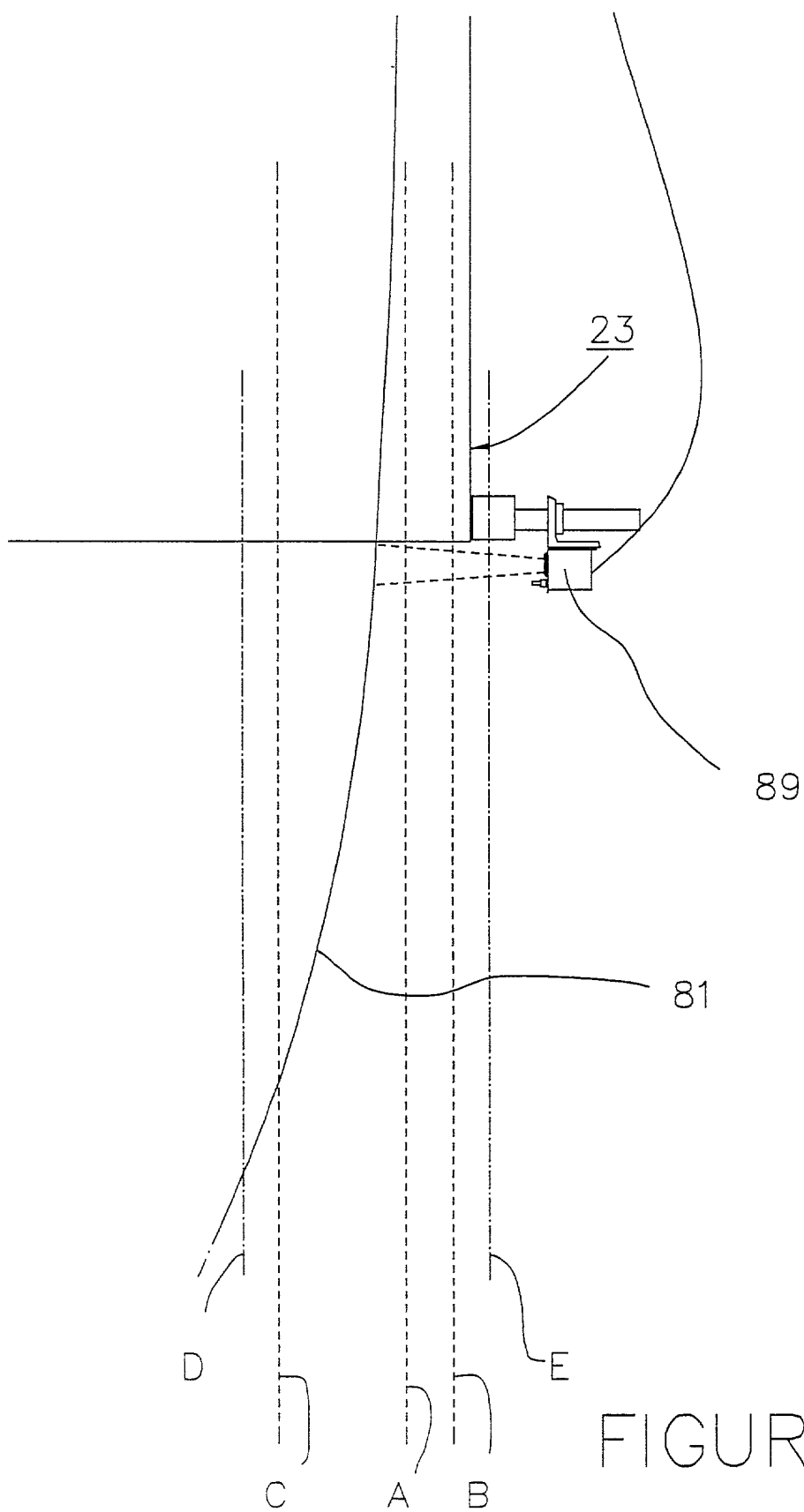


FIGURE 7B

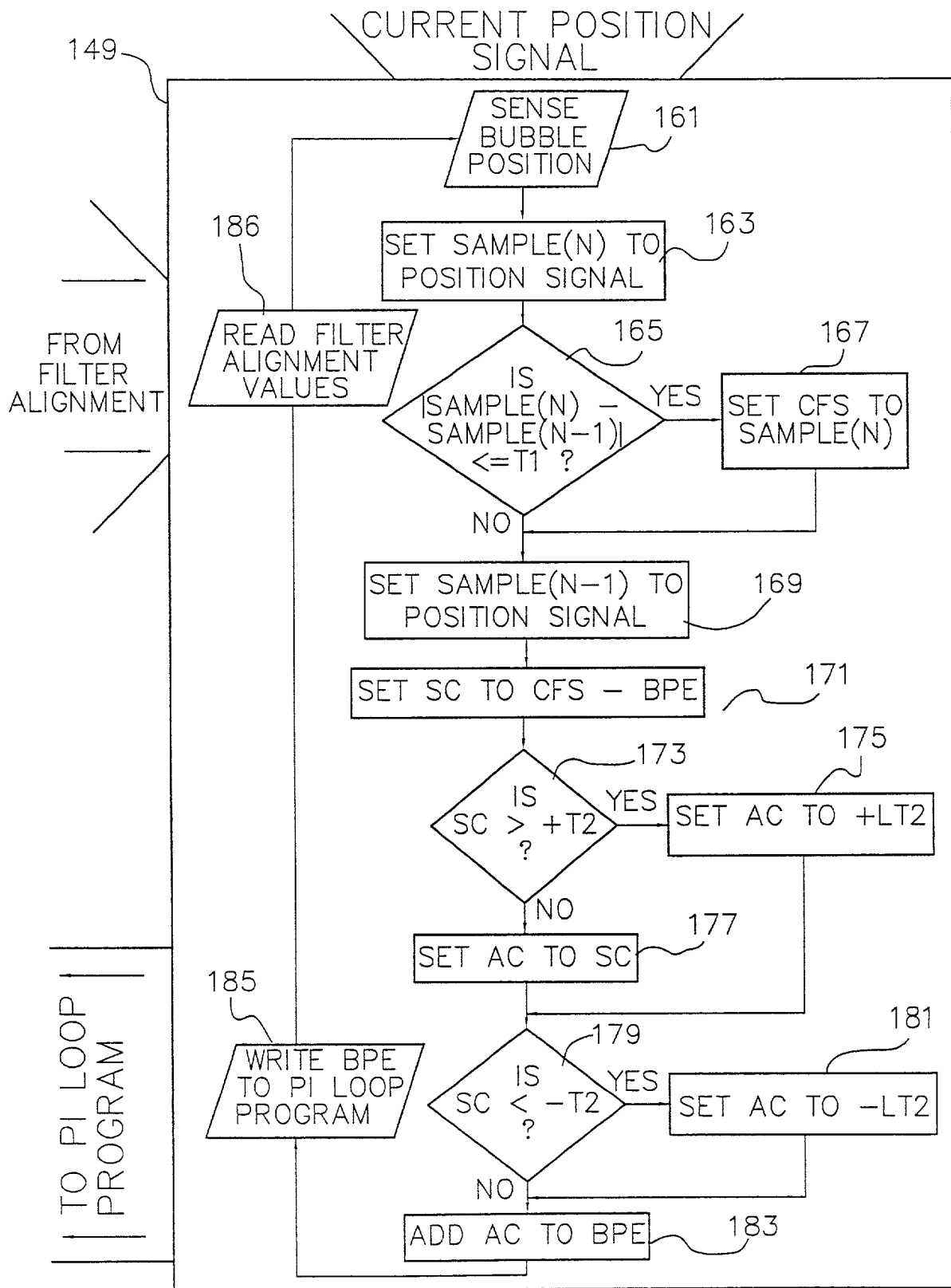
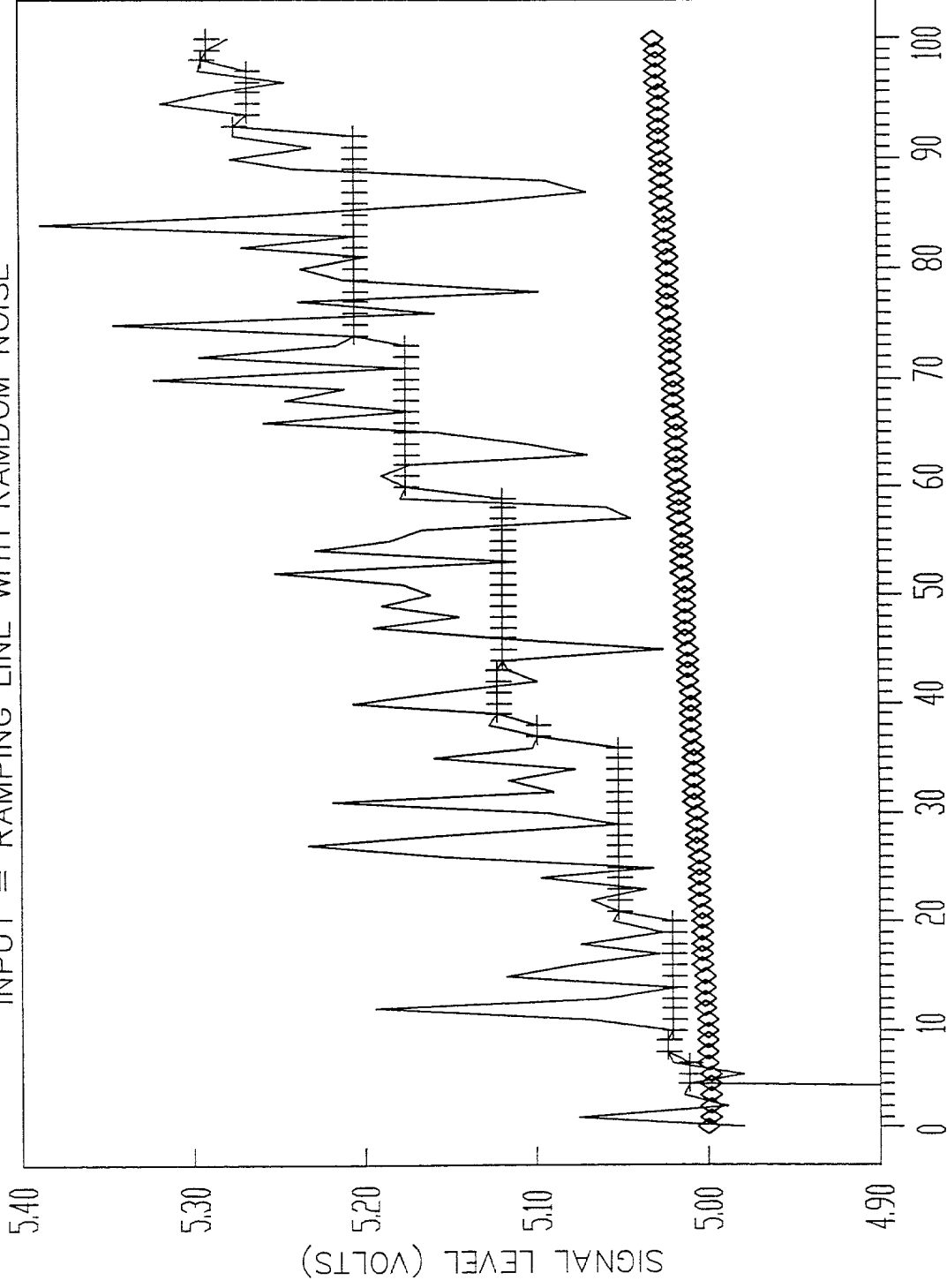


FIGURE 8A

IS-IBC1 FILTER SIMULATION

INPUT = RAMPING LINE WITH RANDOM NOISE



TIME SAMPLE (.034 SECONDS)

—INPUT

+CFS

◇BPE

FIGURE 8B

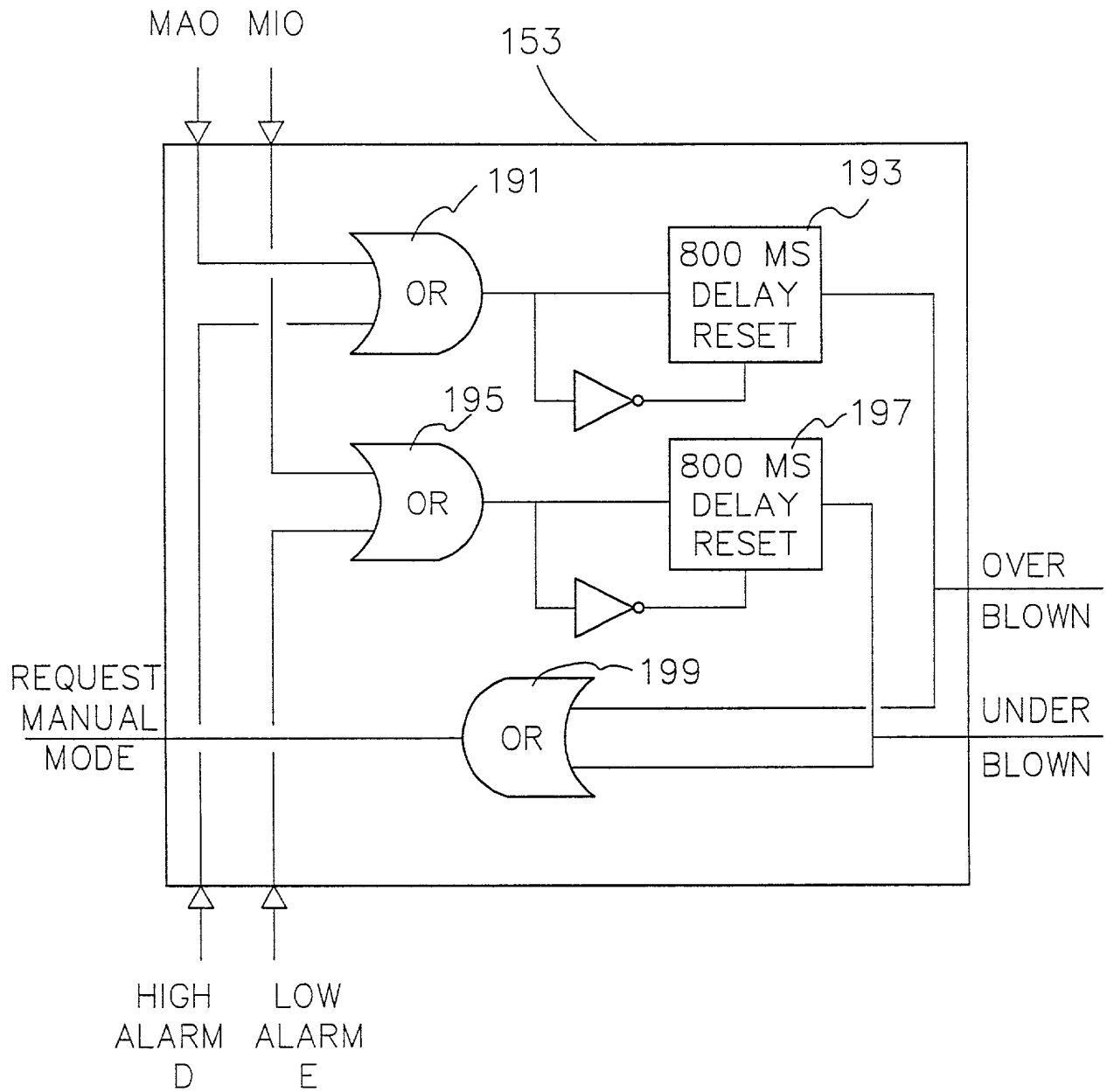
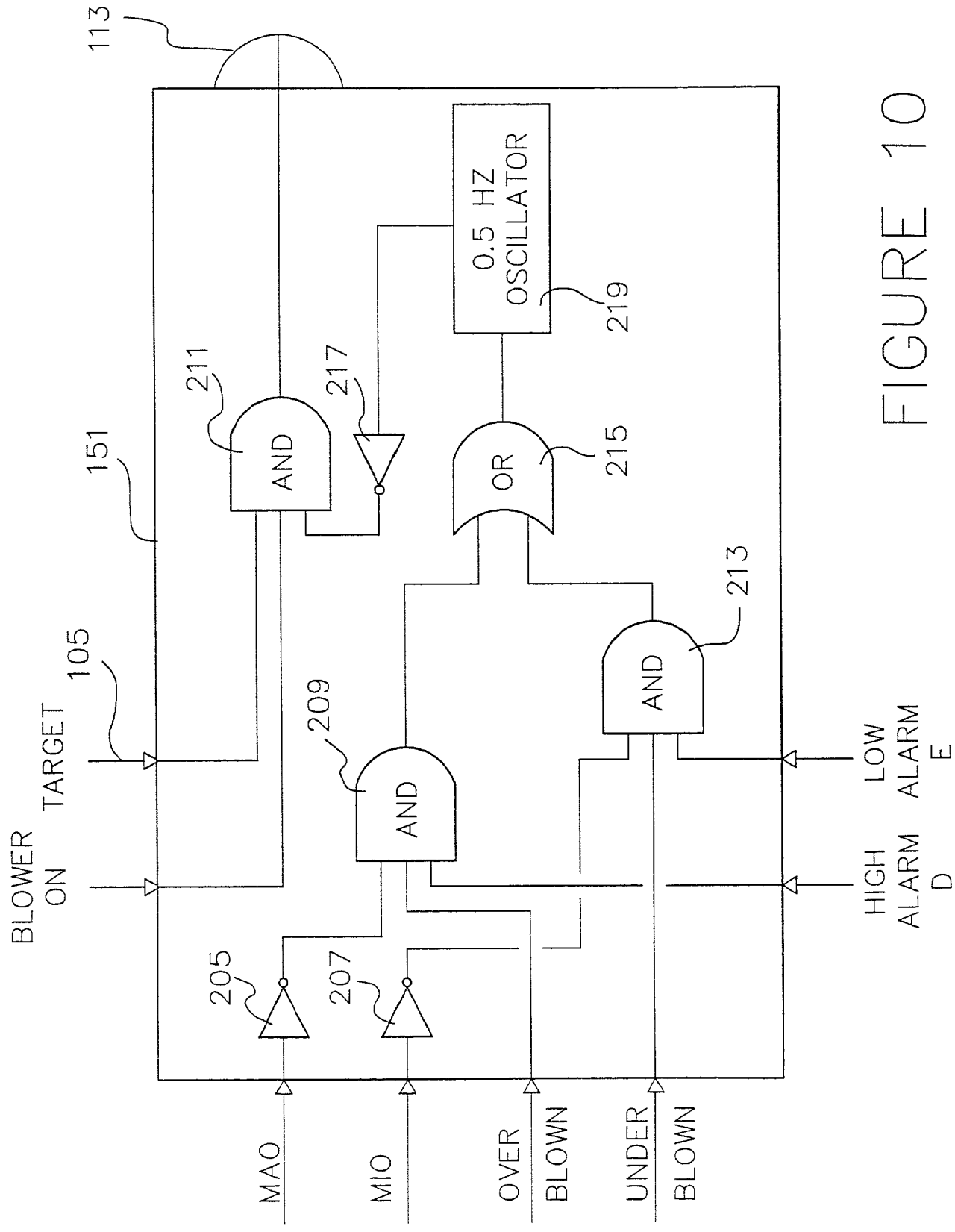


FIGURE 9



155

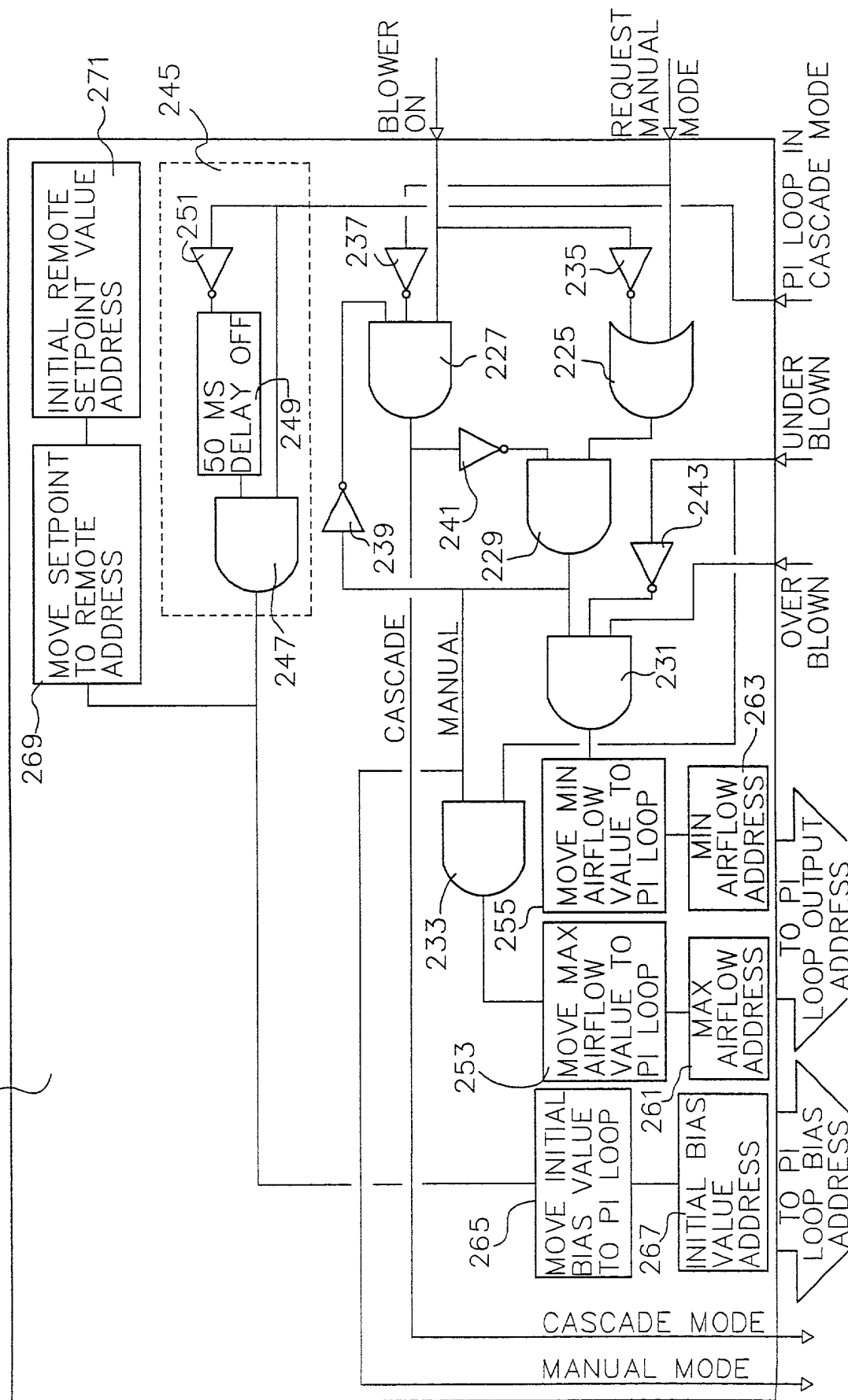


FIGURE 11

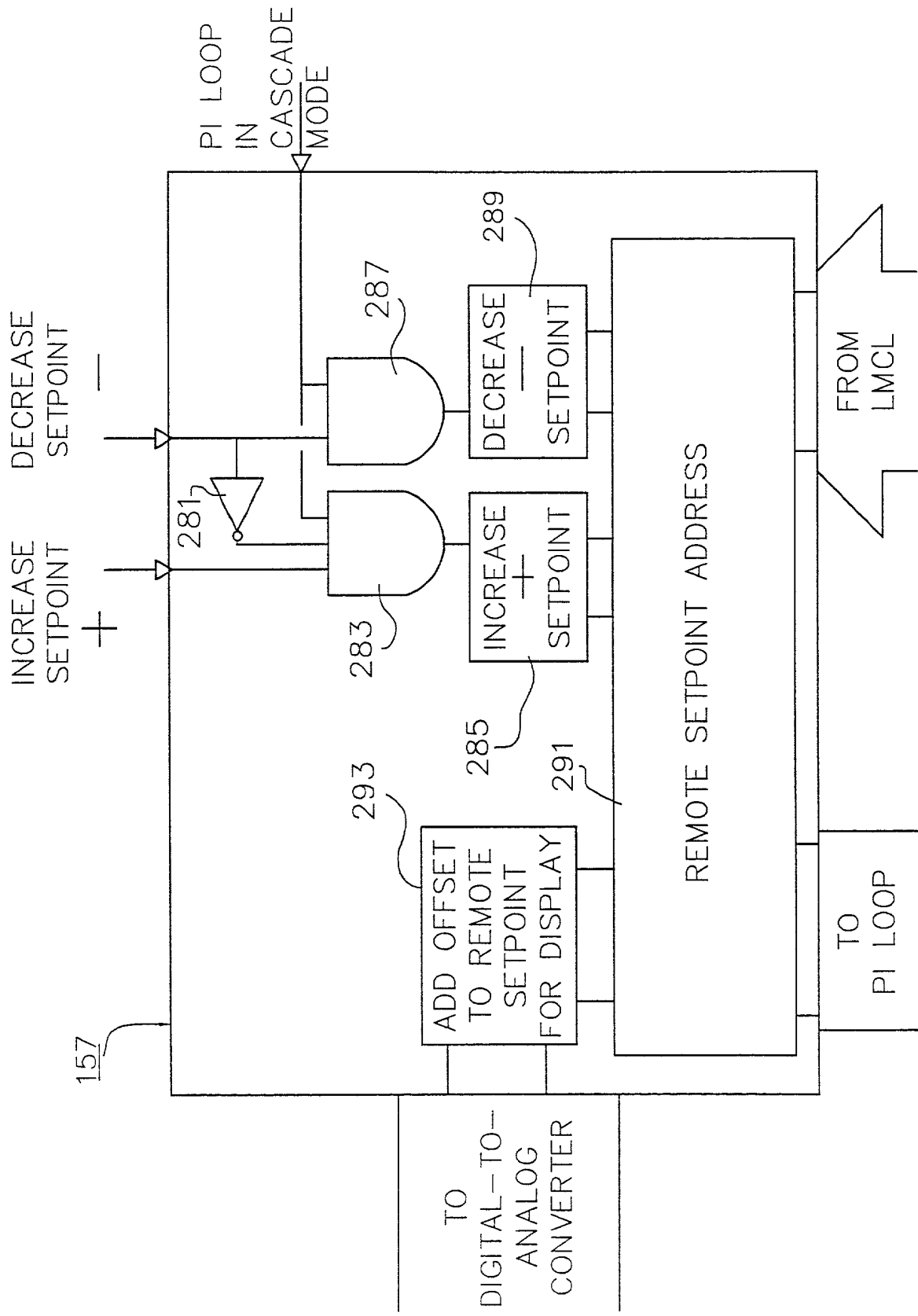


FIGURE 12

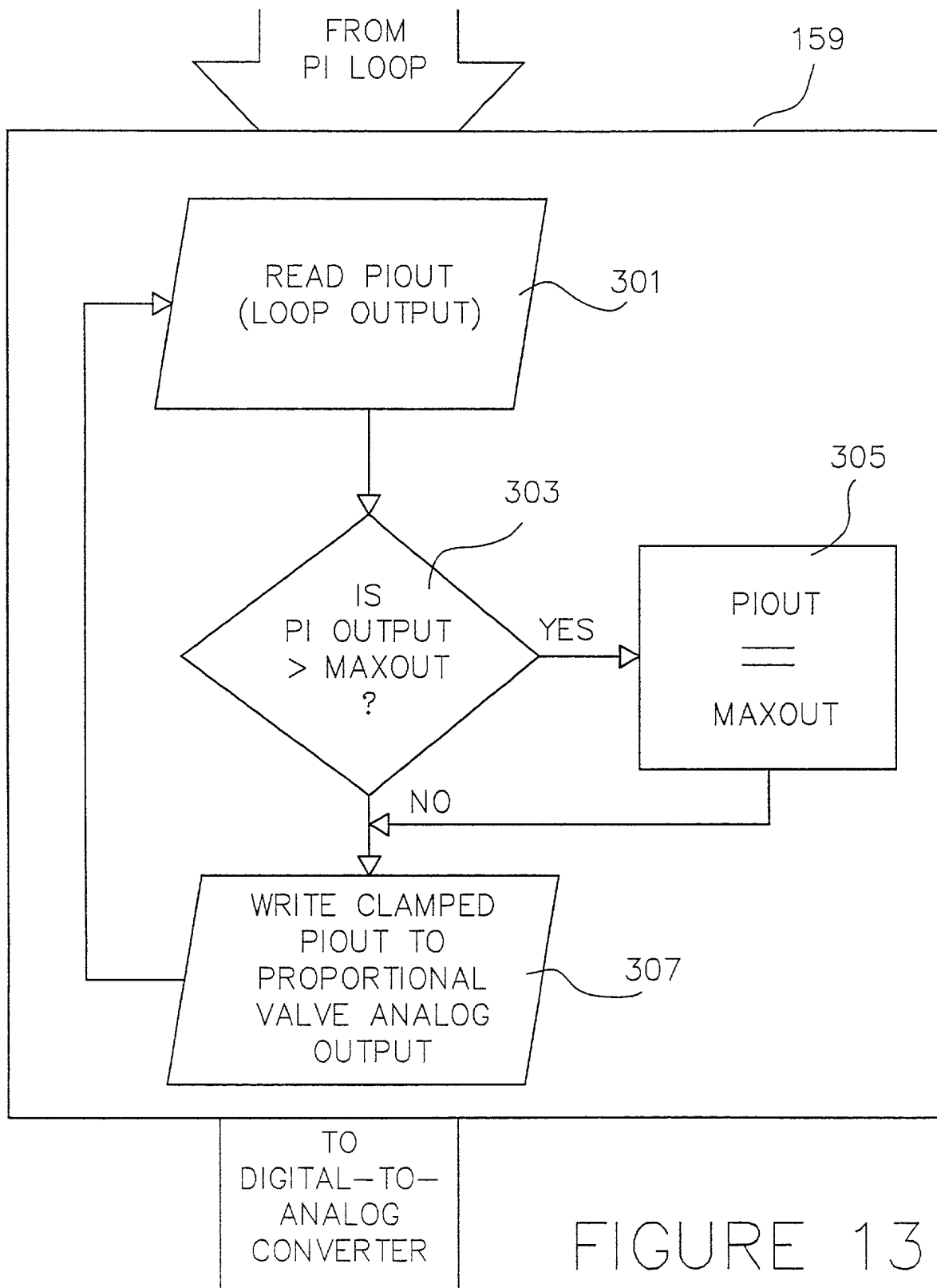


FIGURE 13

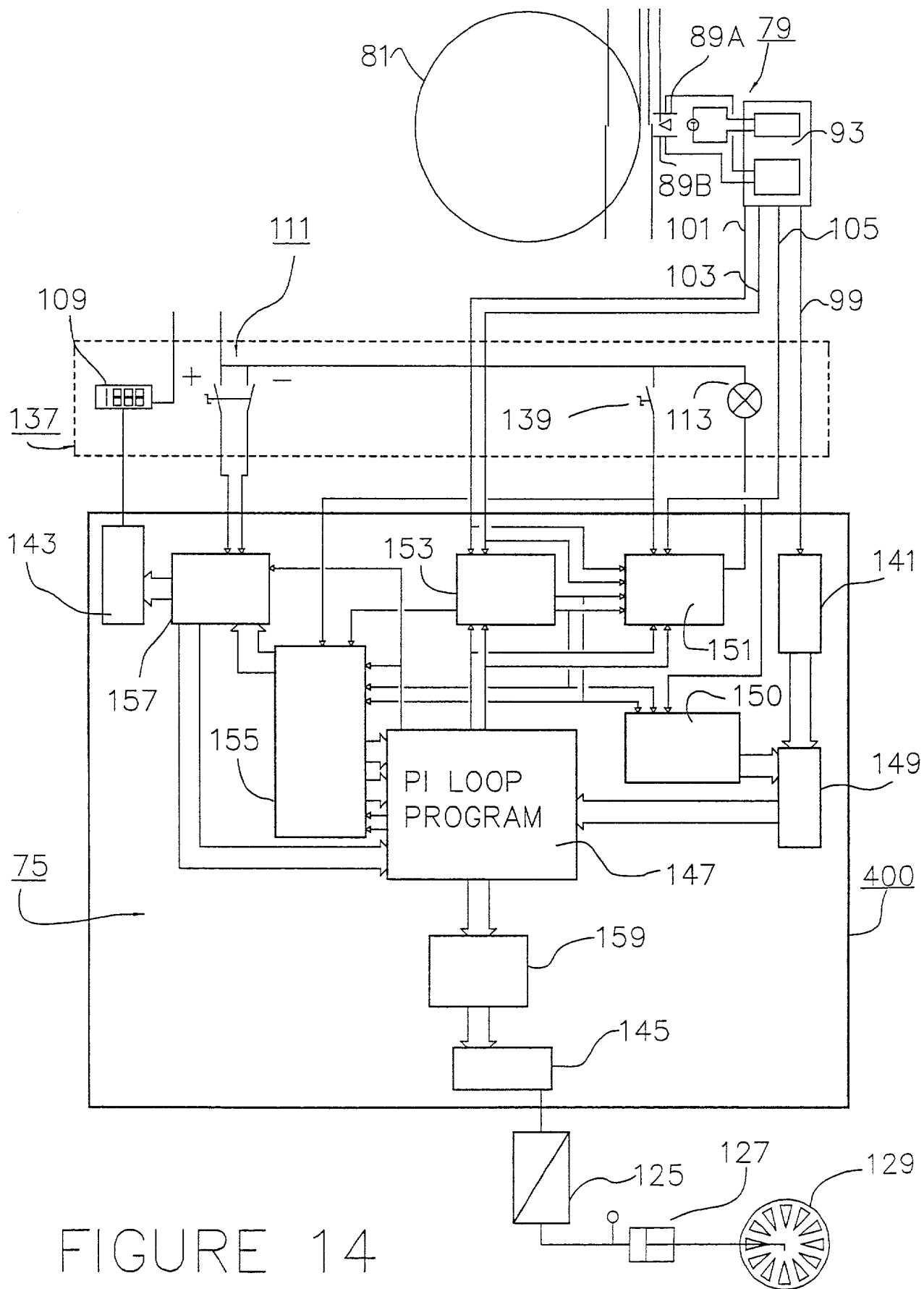


FIGURE 14

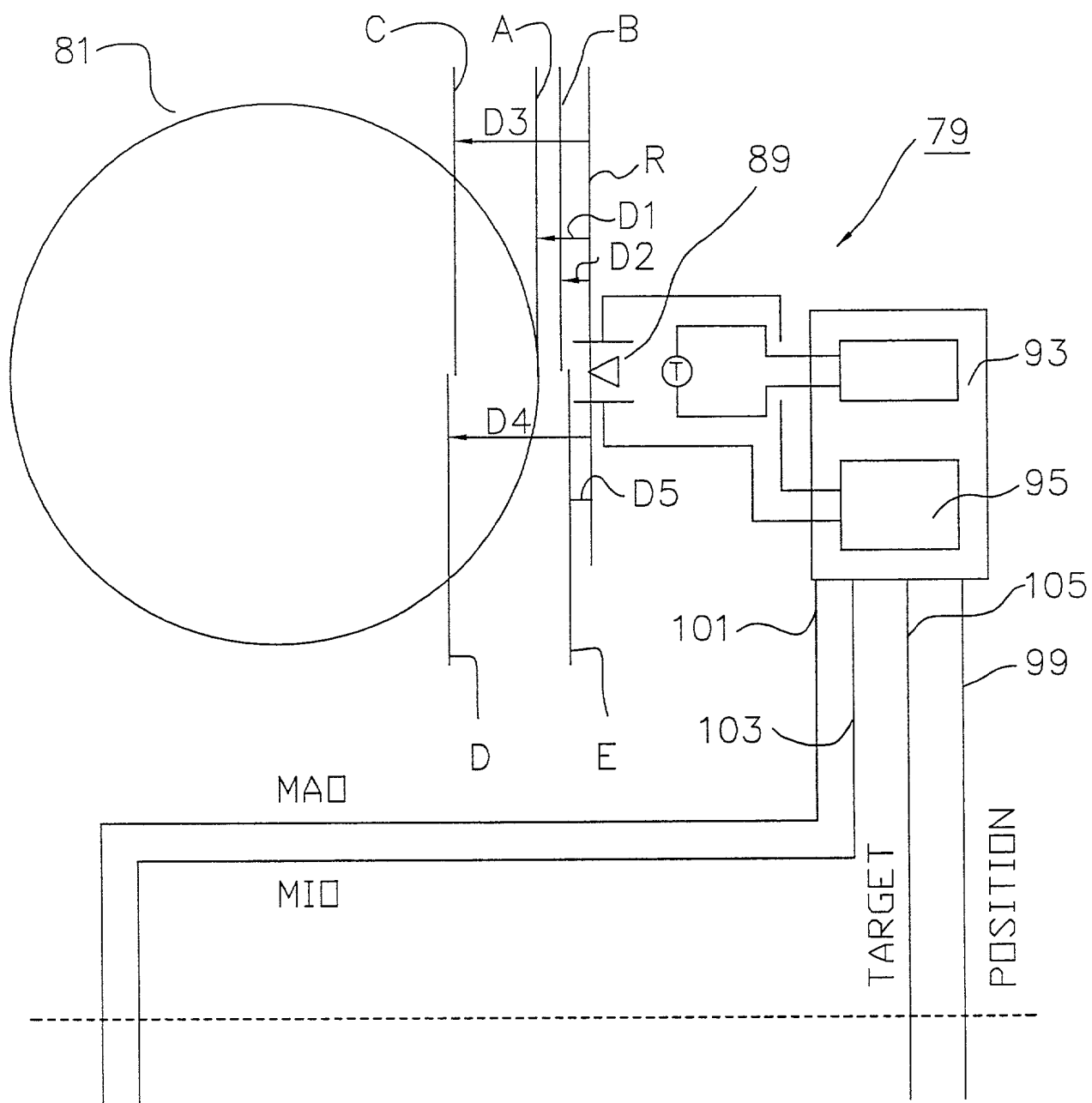


FIGURE 15

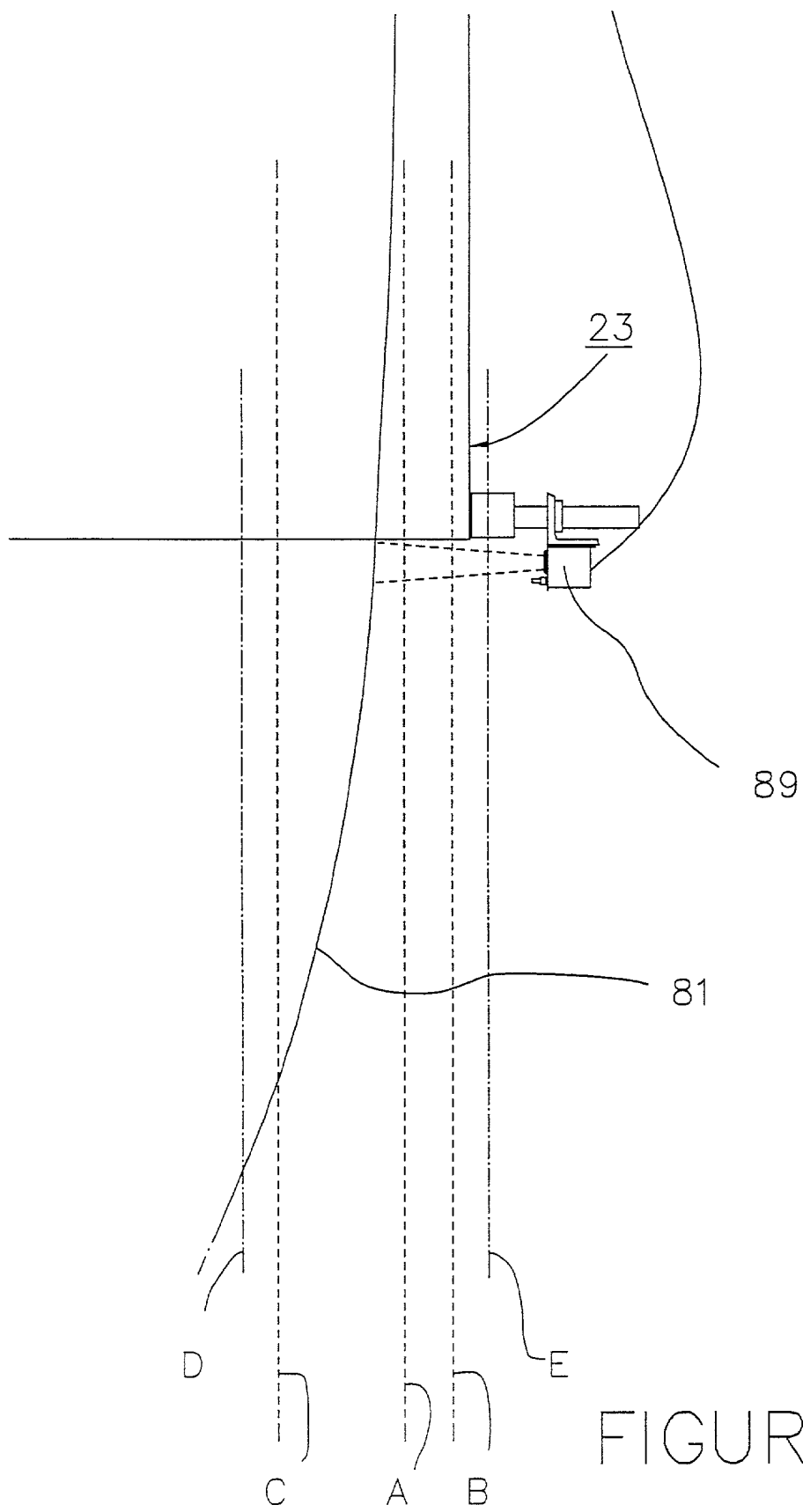


FIGURE 16

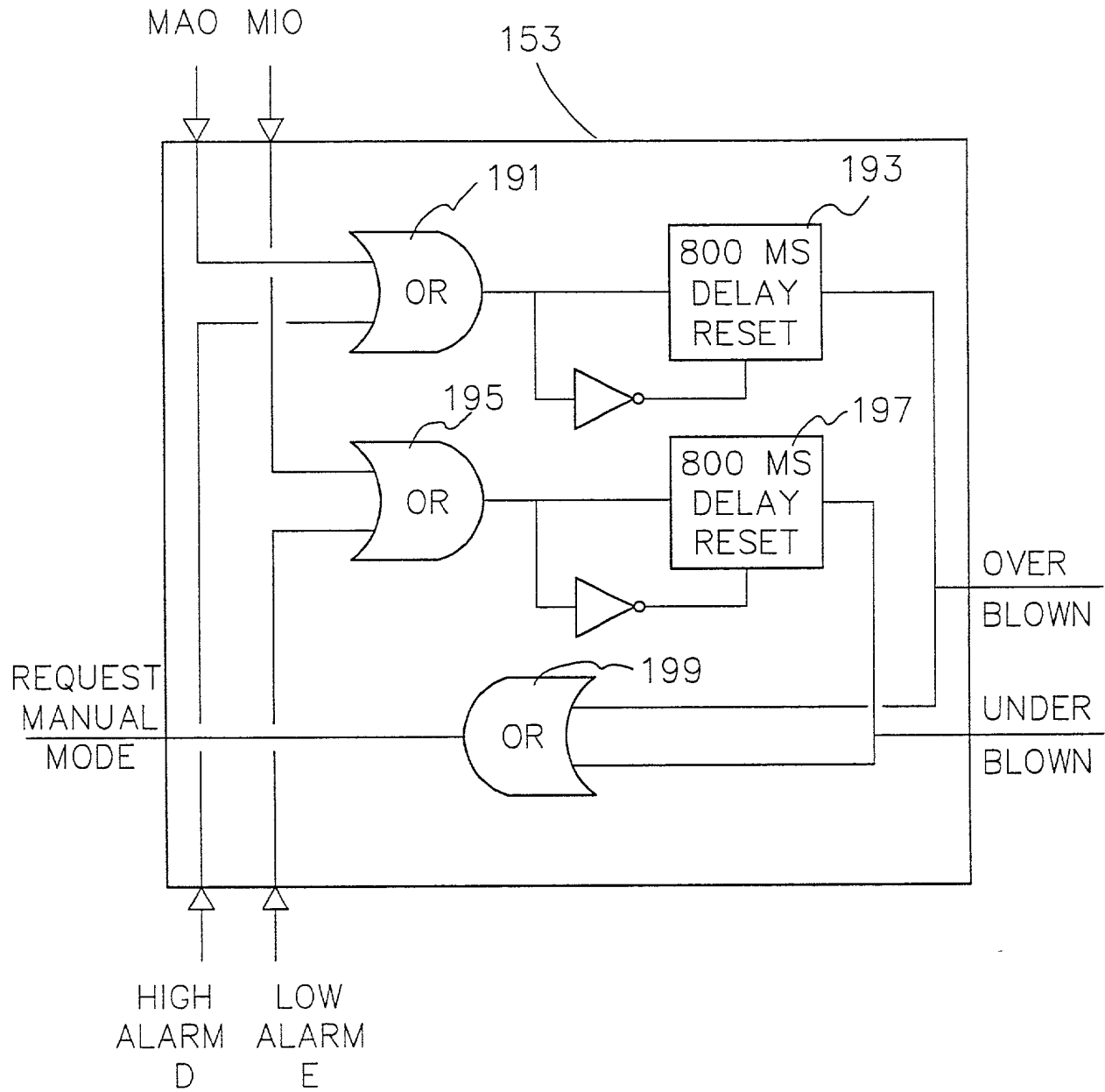


FIGURE 17

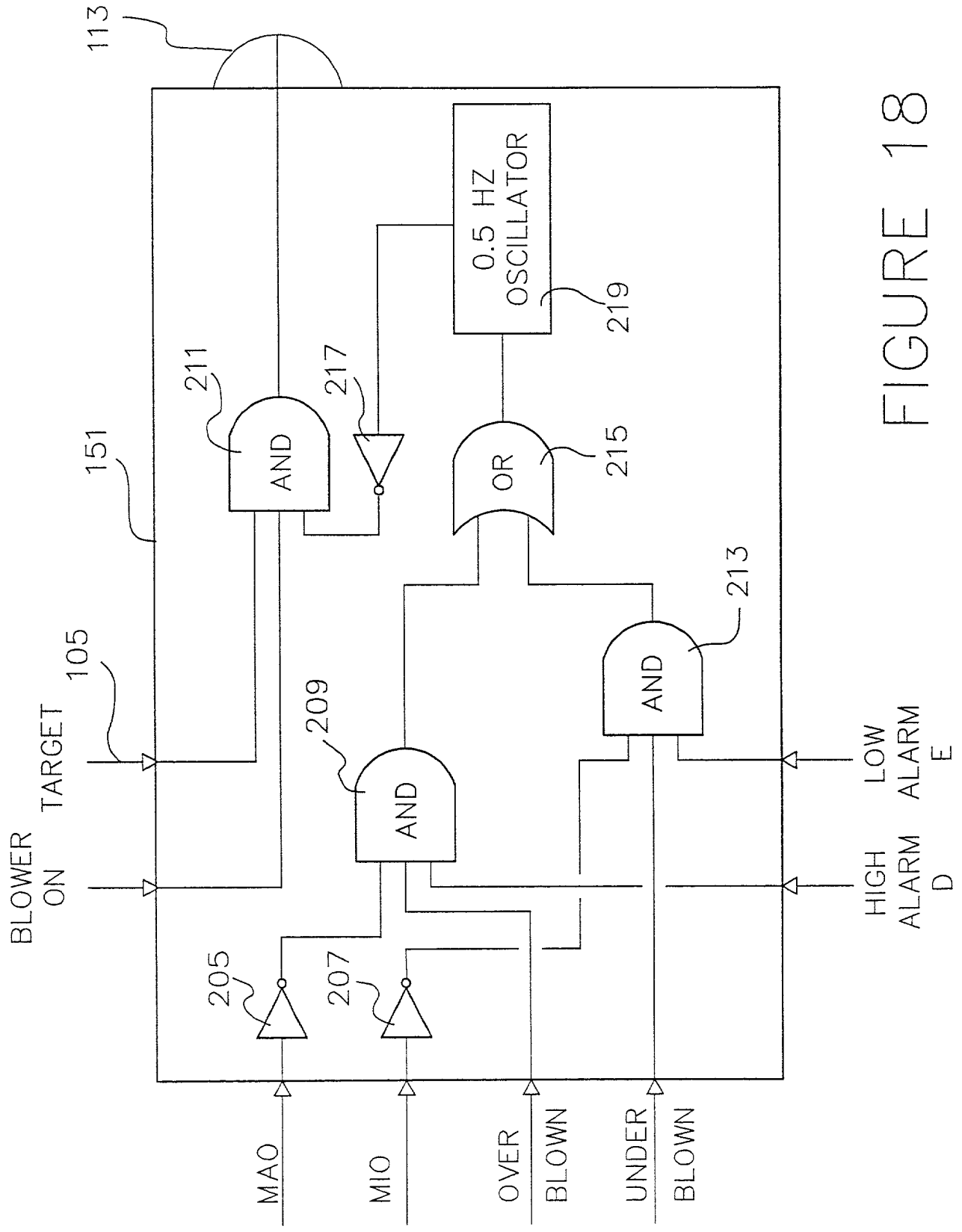


FIGURE 18

155

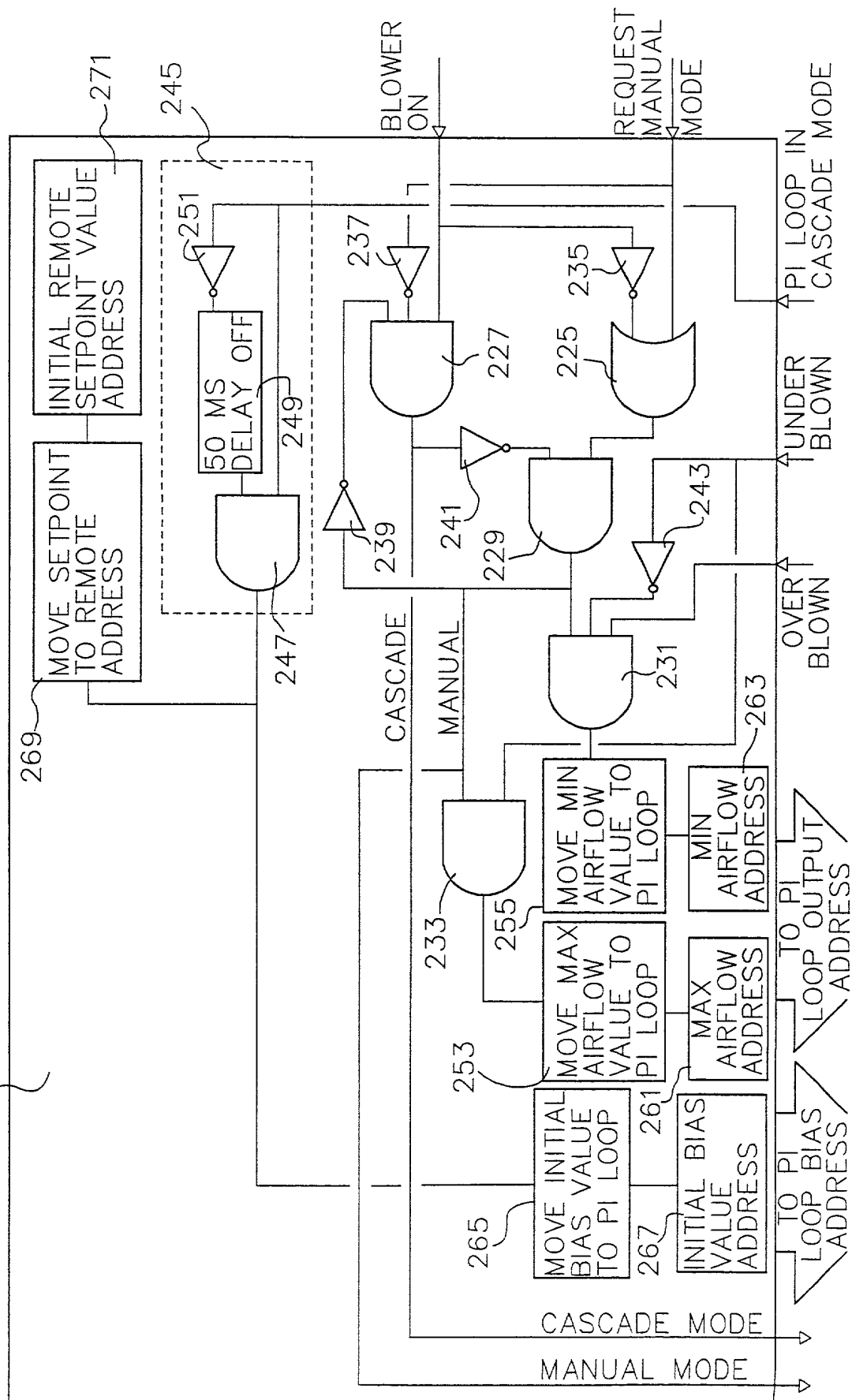


FIGURE 19

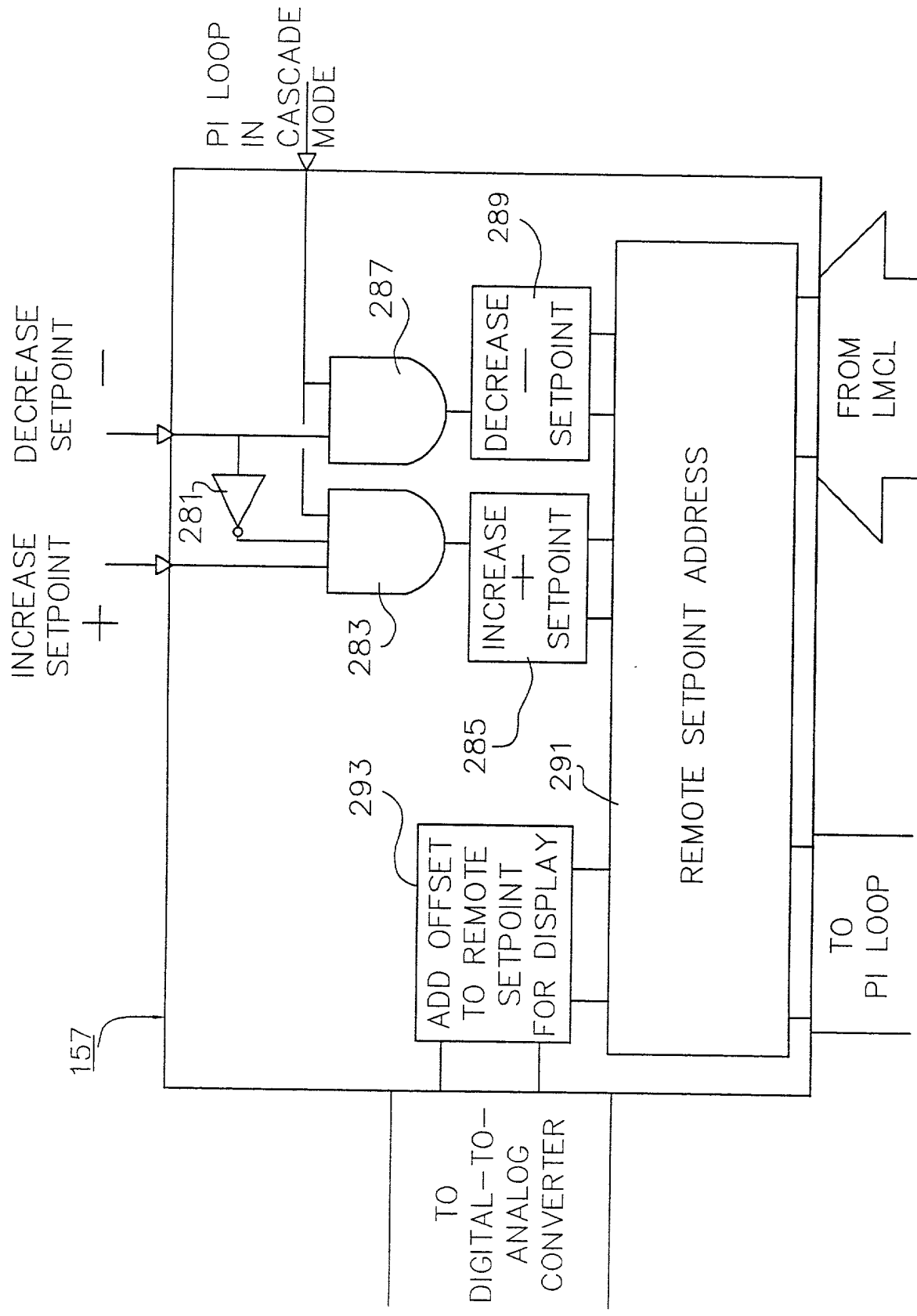


FIGURE 20

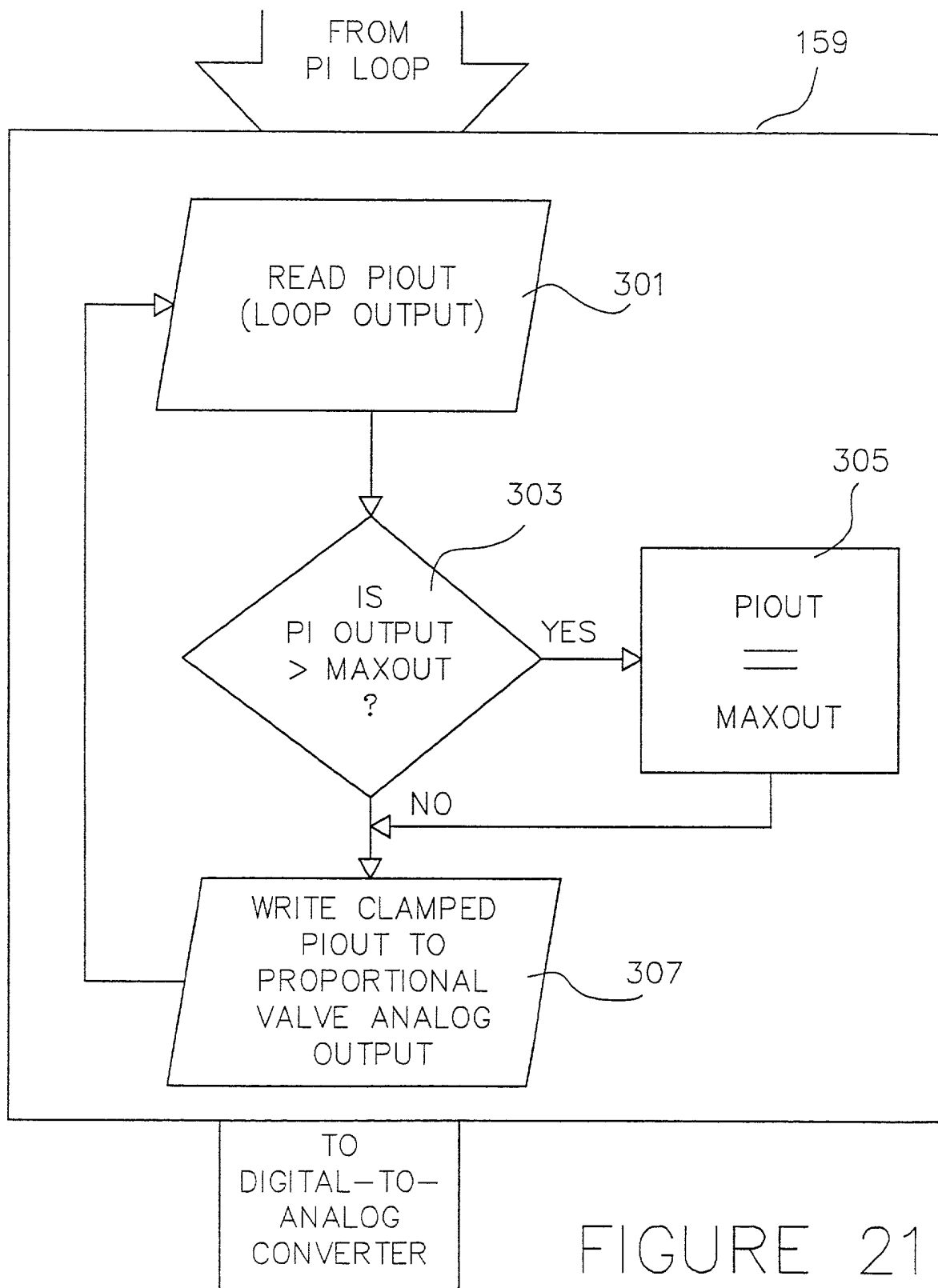


FIGURE 21

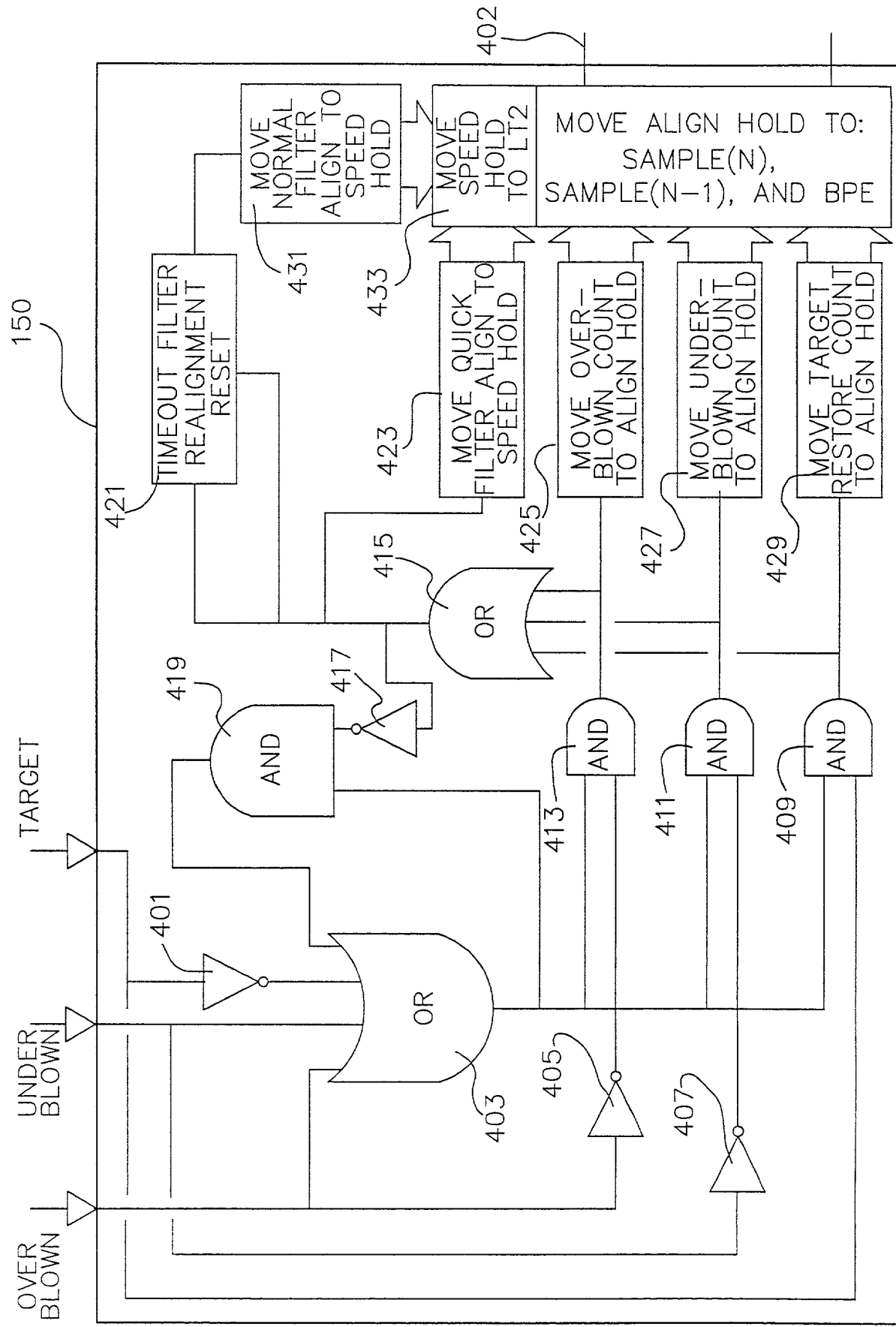
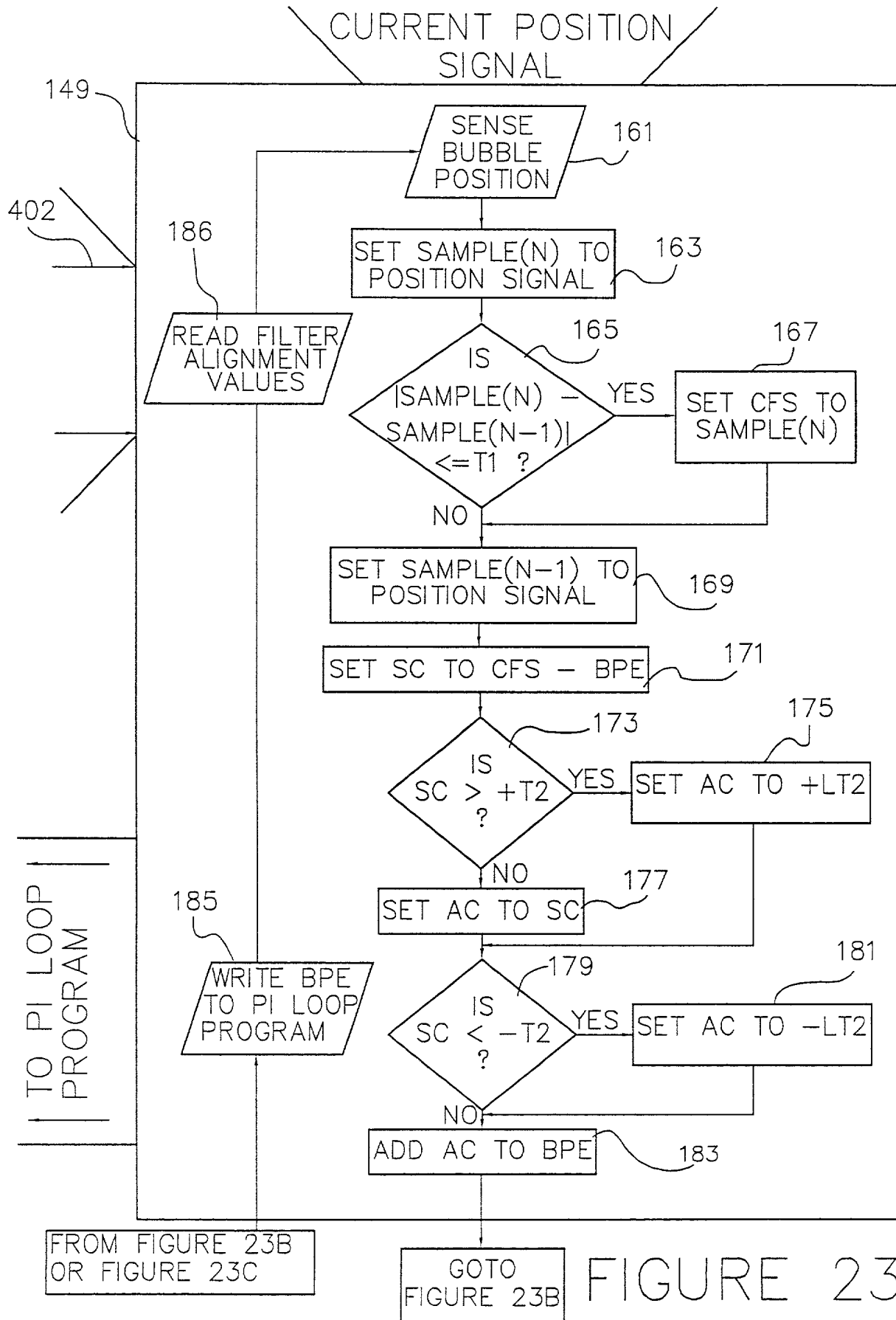


FIGURE 22



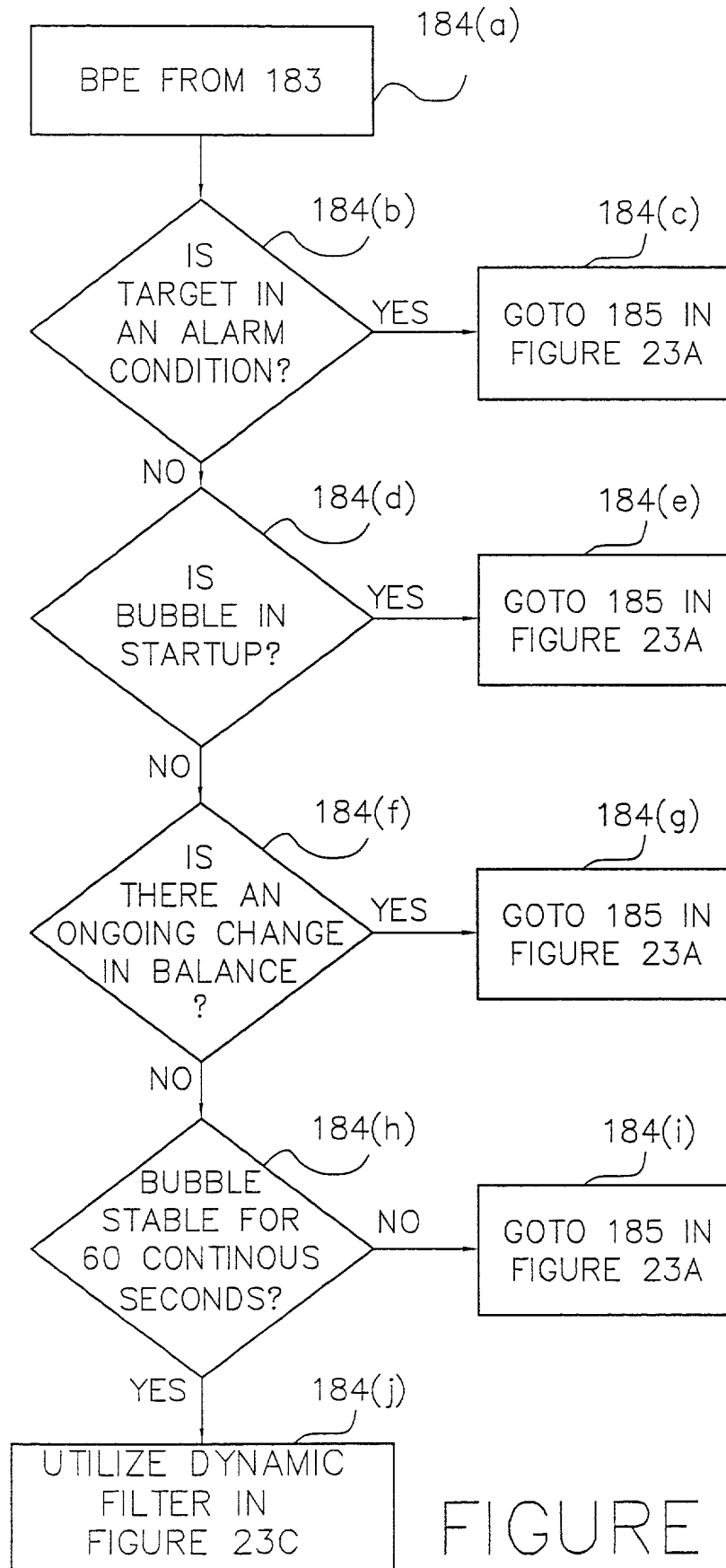


FIGURE 23B

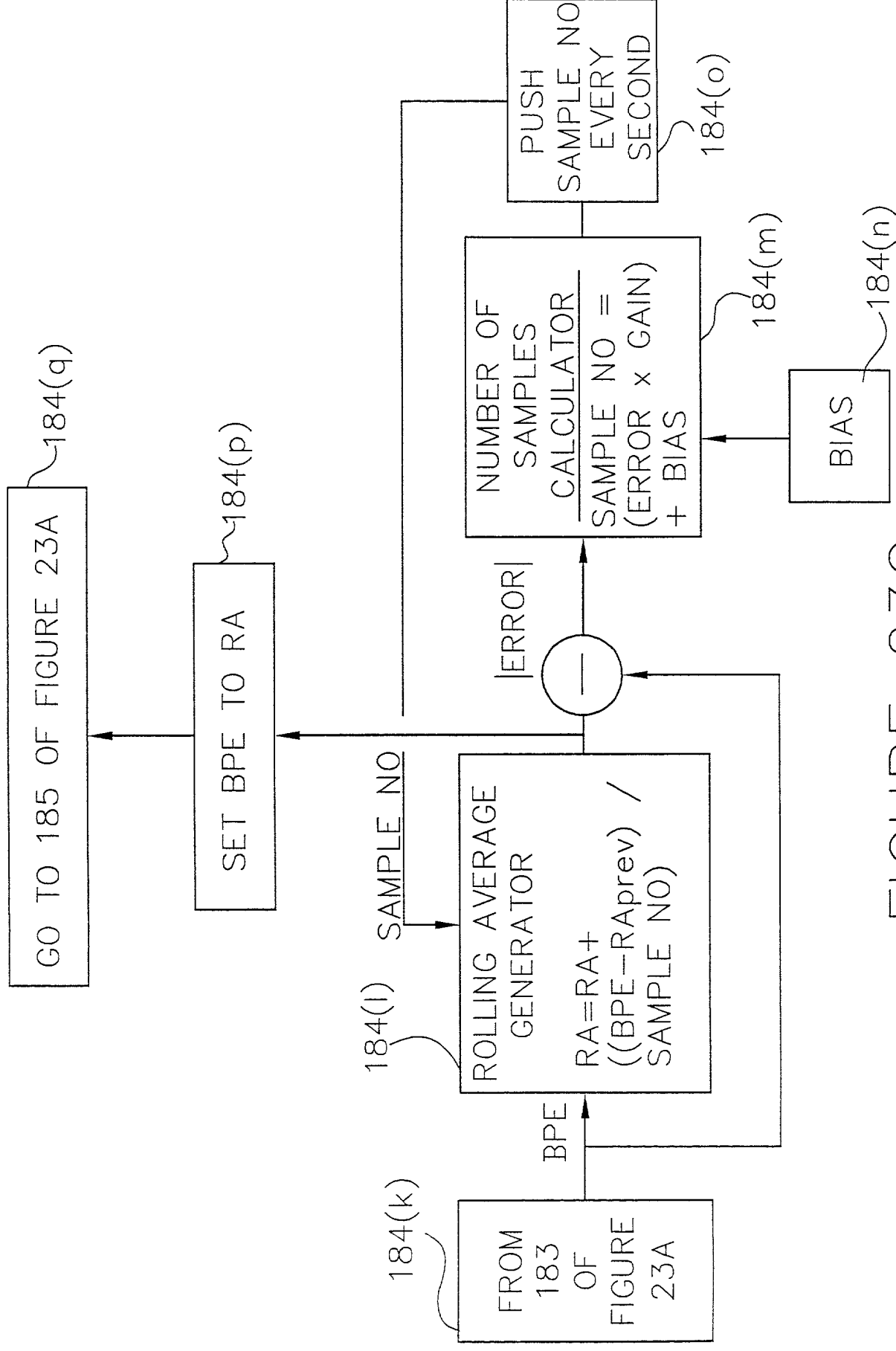


FIGURE 23C

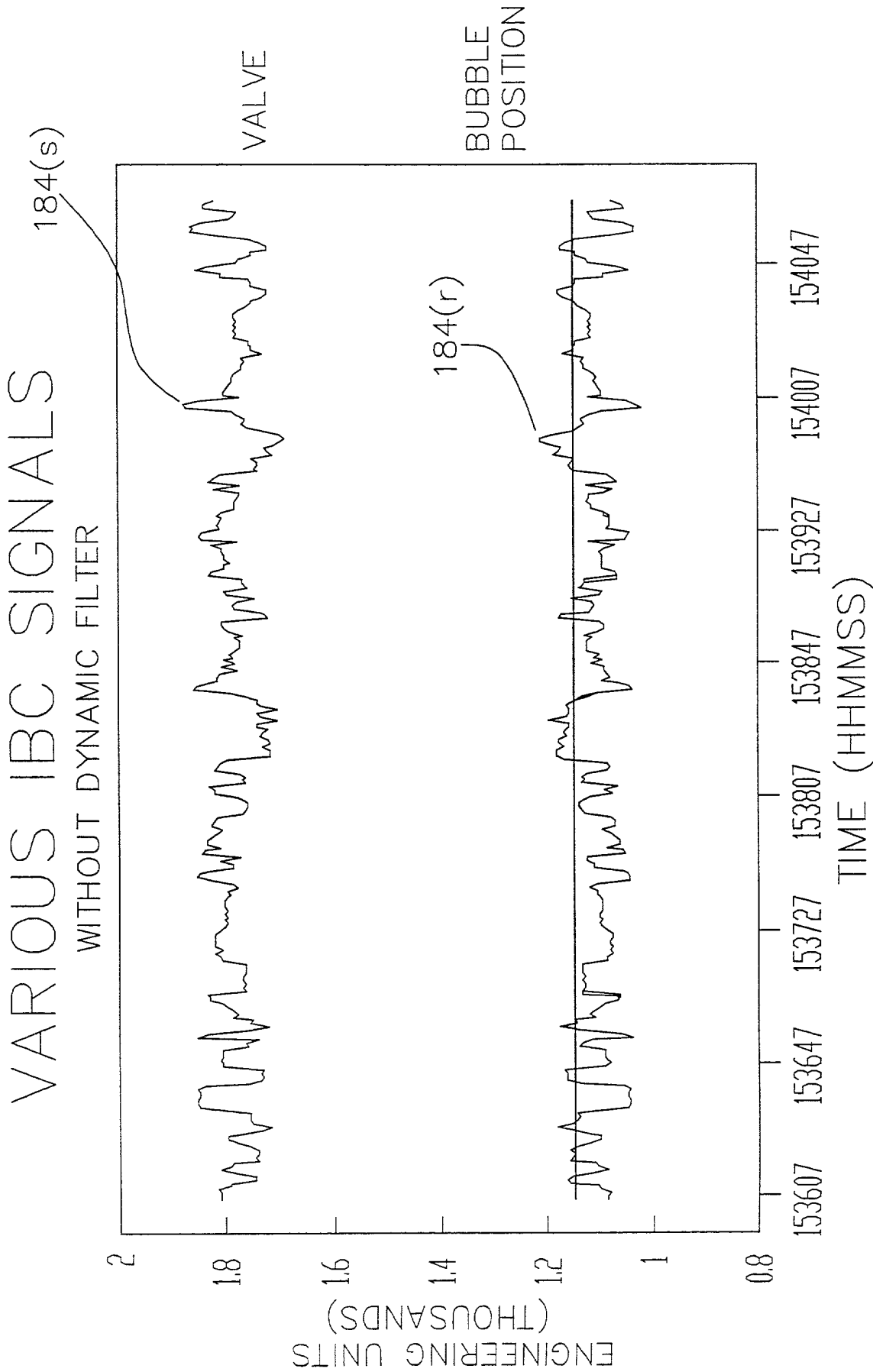


FIGURE 23D

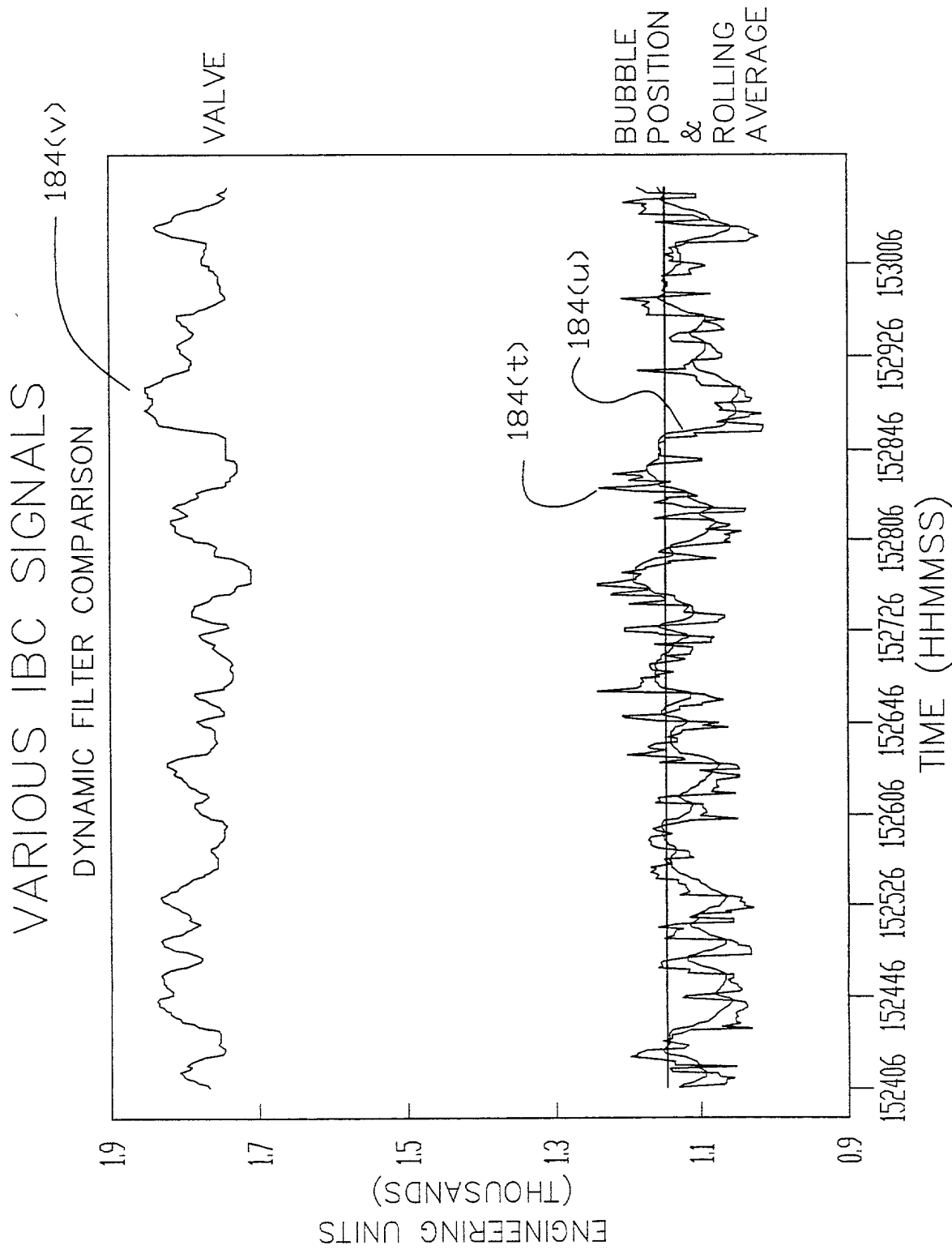


FIGURE 23E

FREQUENCY DISTRIBUTION COMPARISON

DYNAMIC FILTER VS. BPE

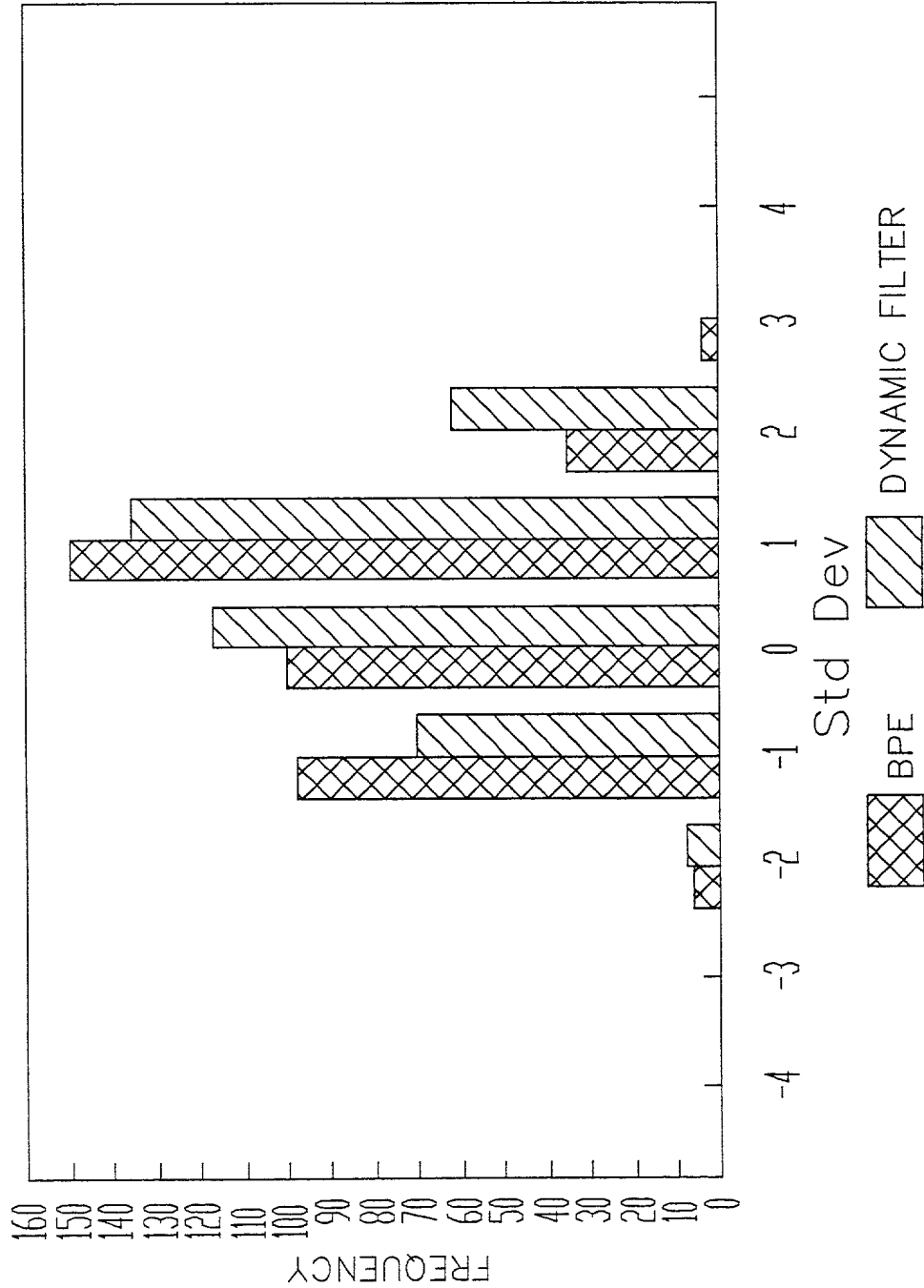


FIGURE 23F

VARIOUS IBC SIGNALS START-UP WITH DYNAMIC FILTER

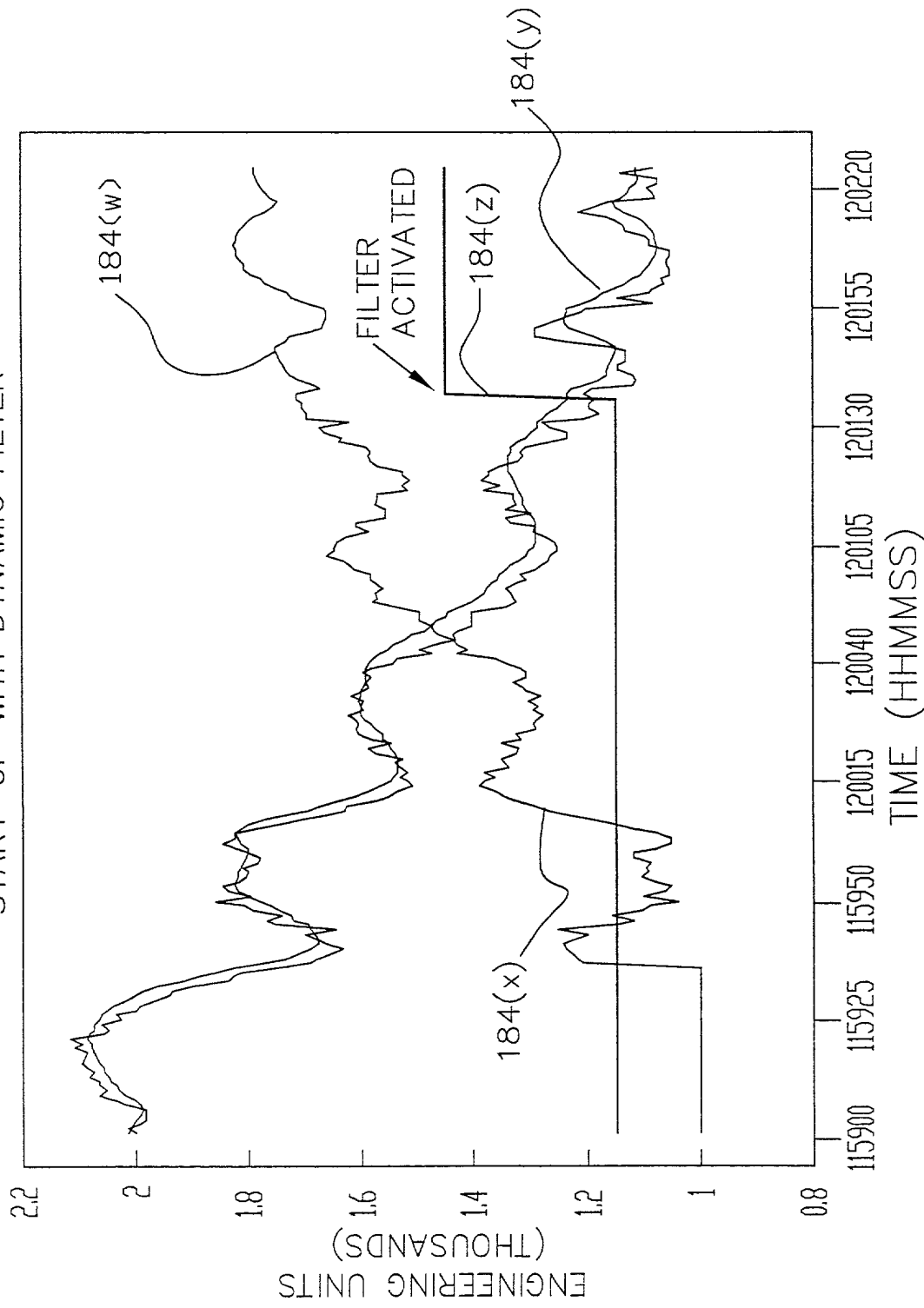
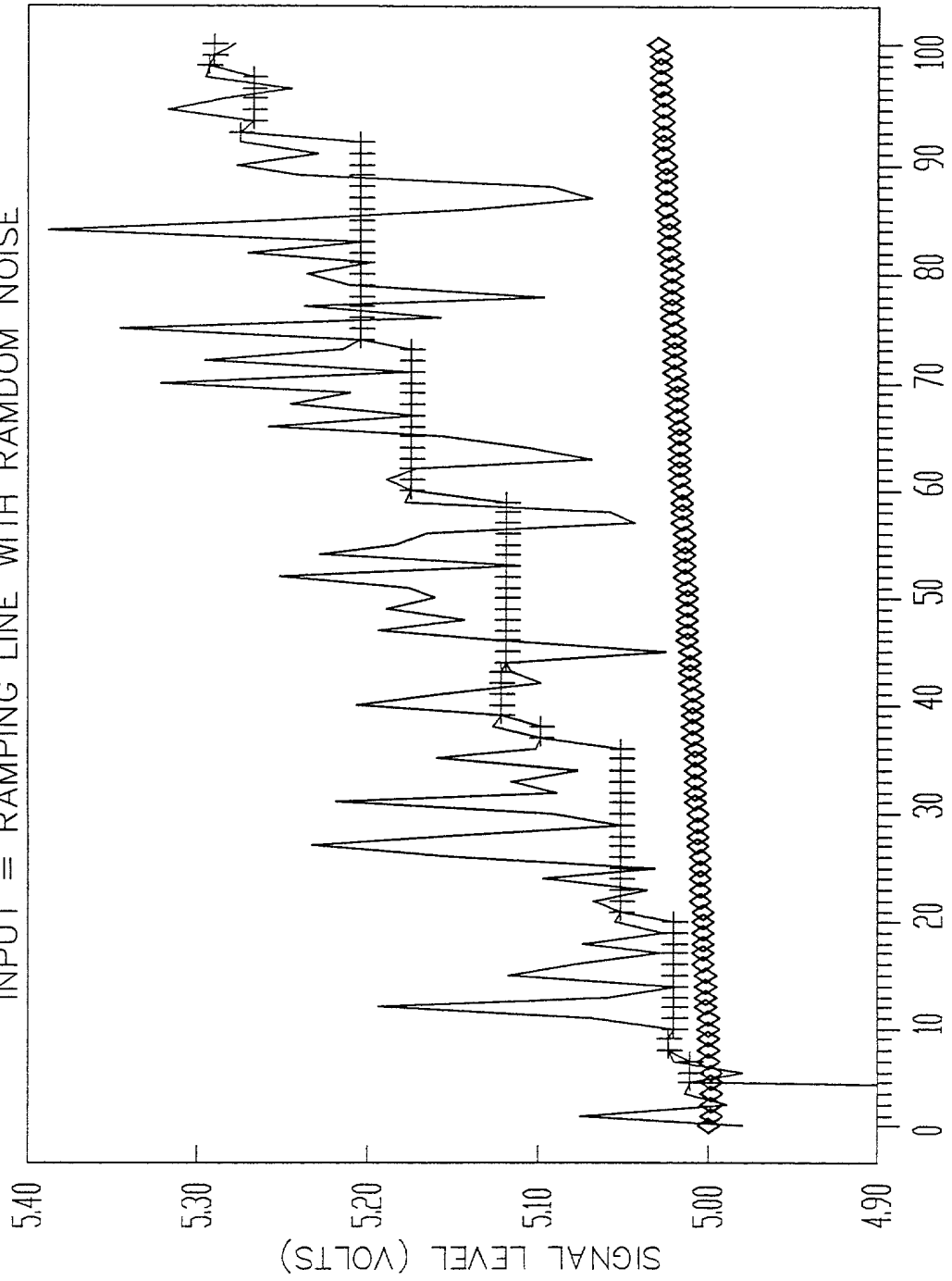


FIGURE 23G

IS-IBC1 FILTER SIMULATION
INPUT = RAMPING LINE WITH RANDOM NOISE



TIME SAMPLE (.034 SECONDS)

—INPUT +CFS ◇BPE

FIGURE 24

FIGURE 25A

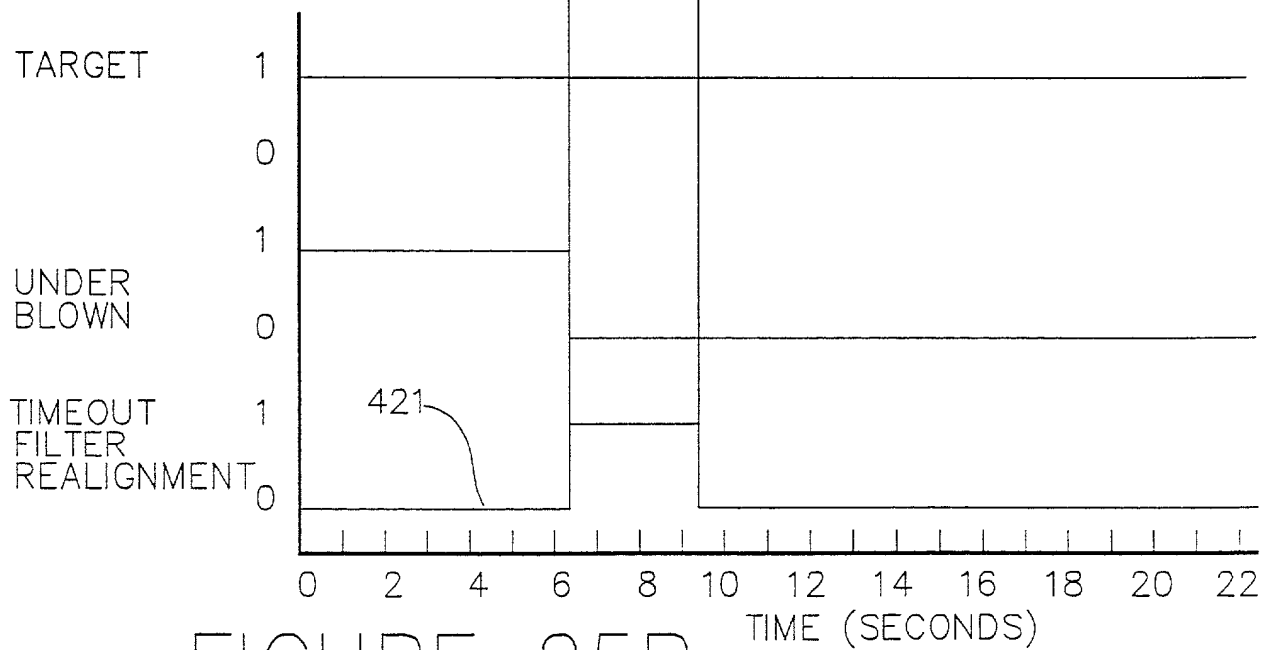
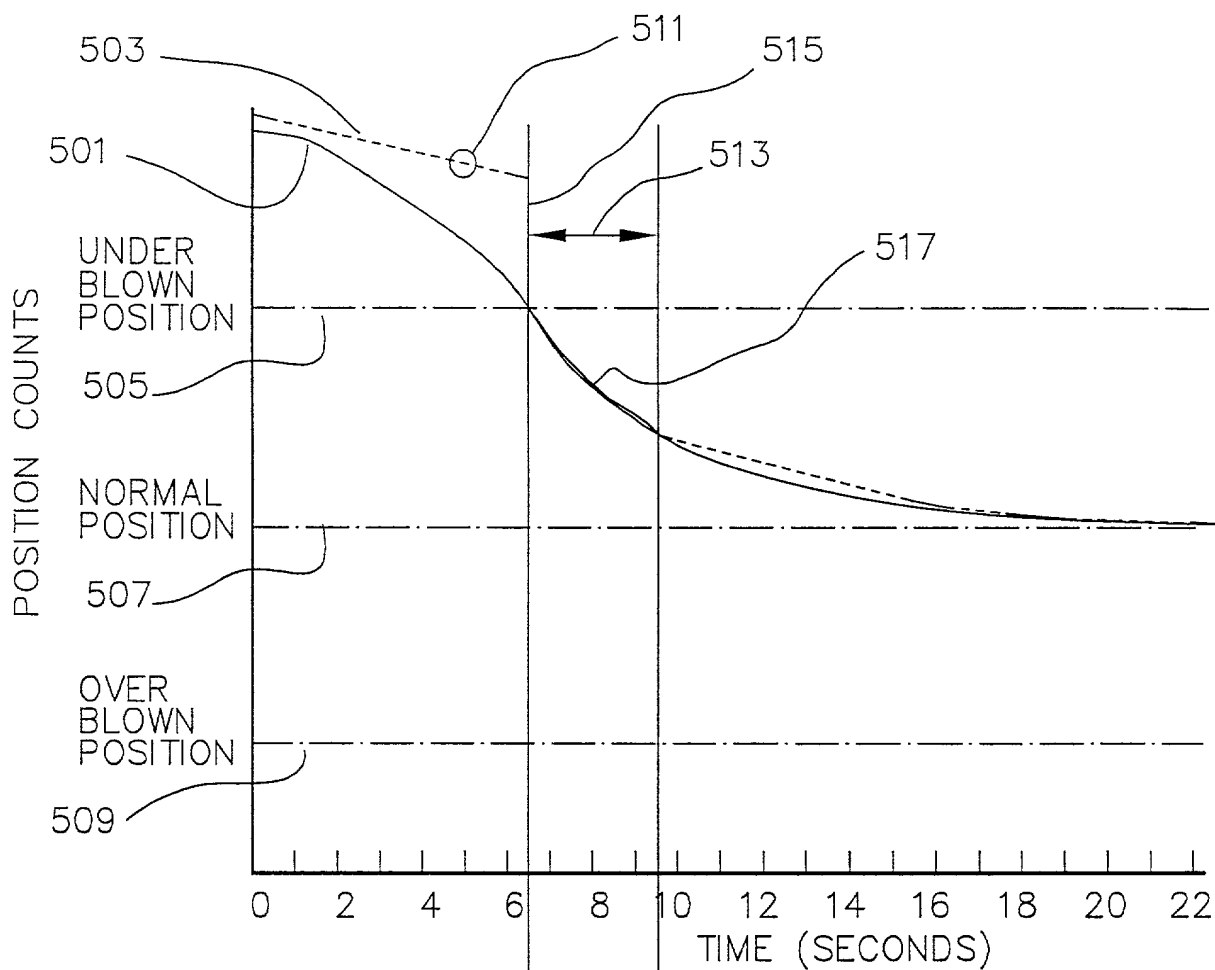


FIGURE 25B

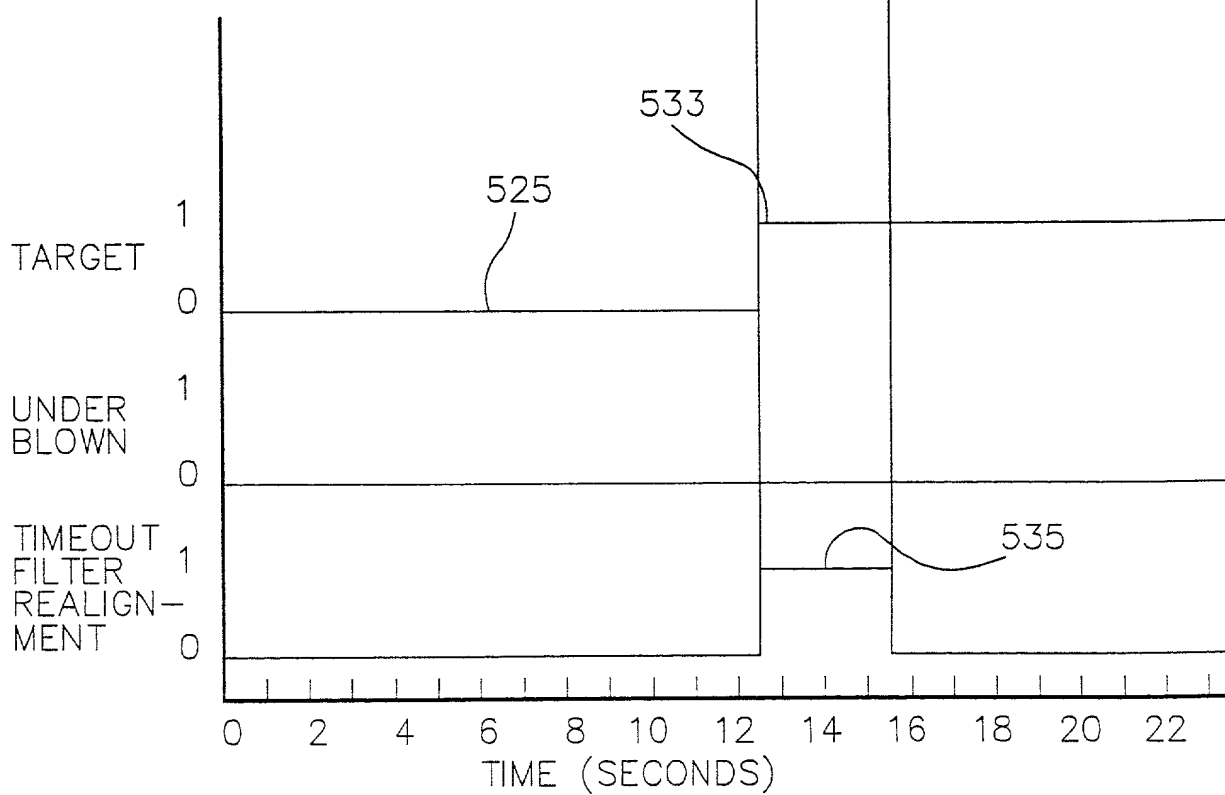
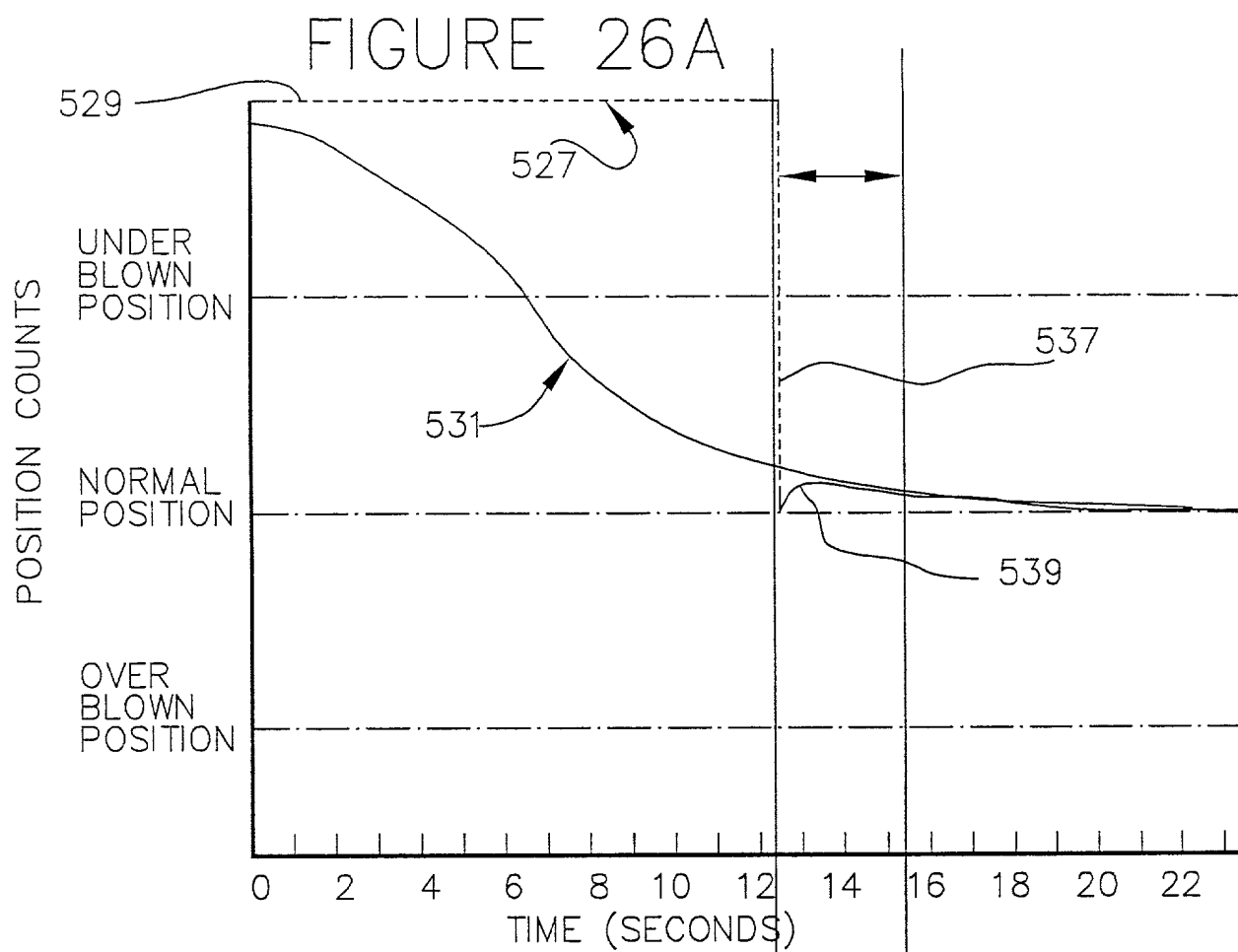


FIGURE 26B

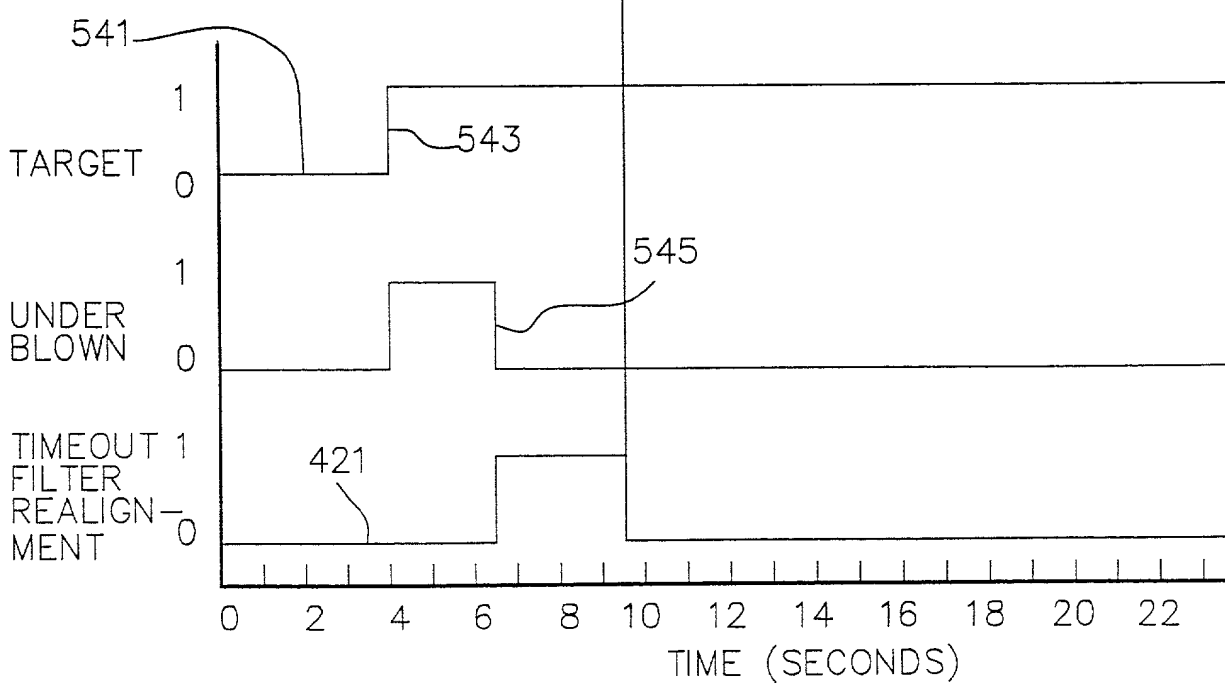
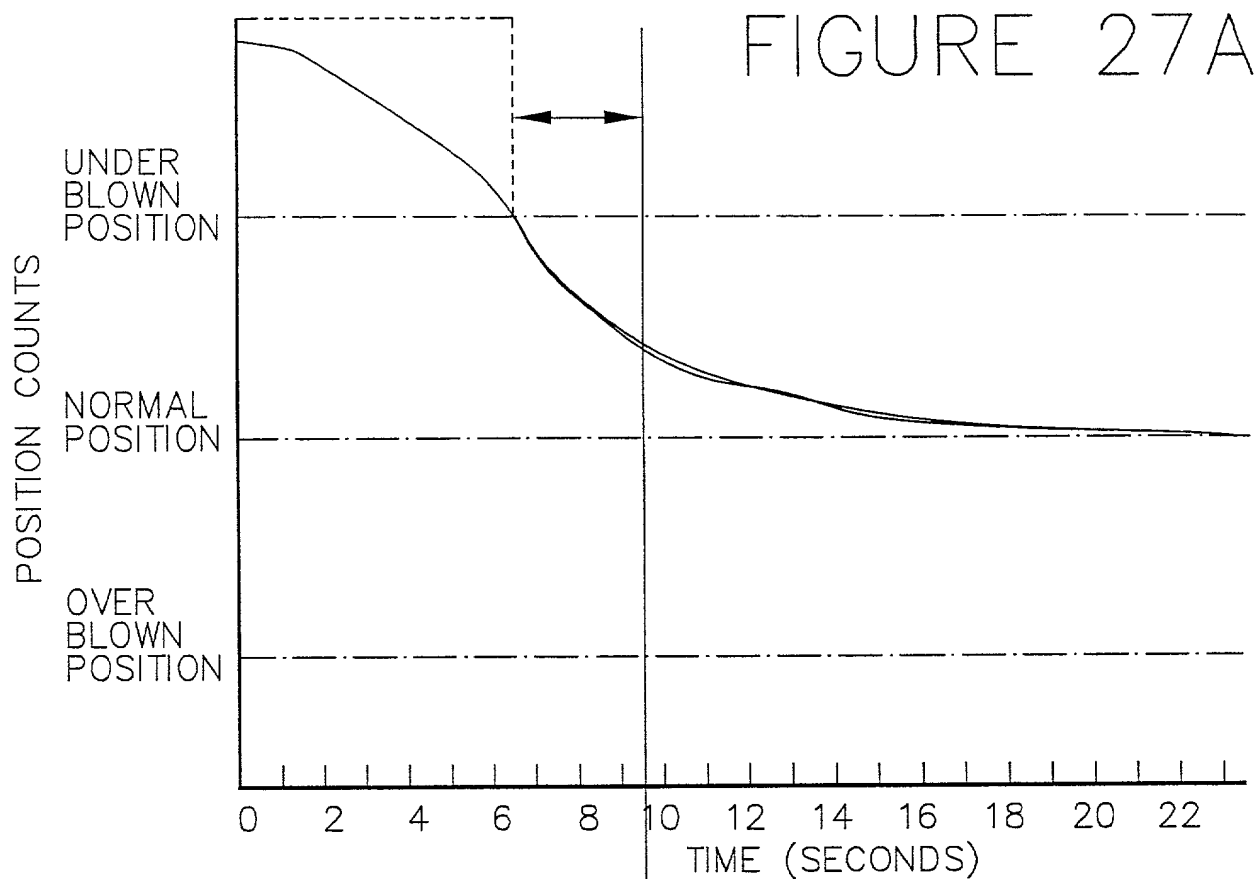


FIGURE 27B

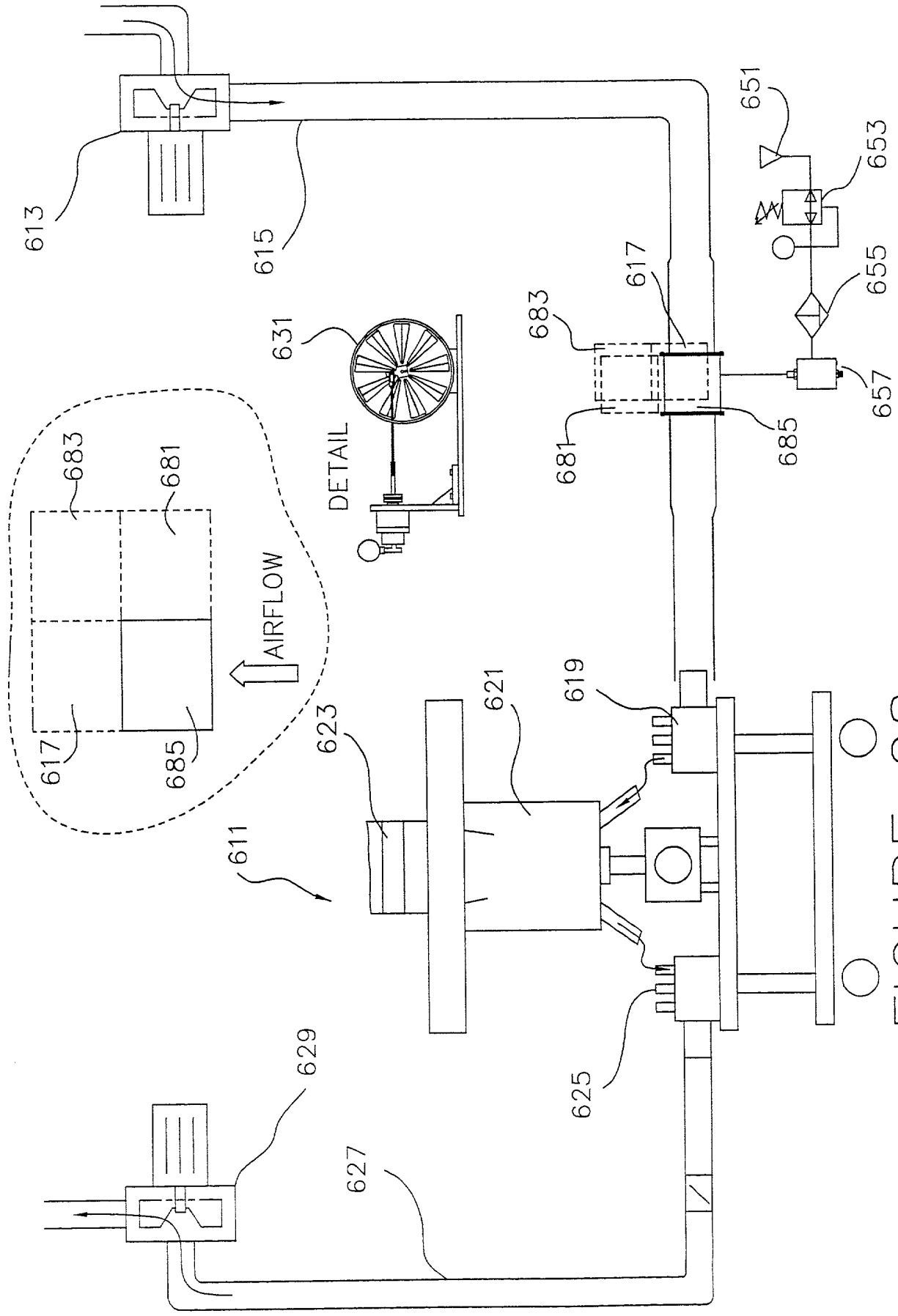
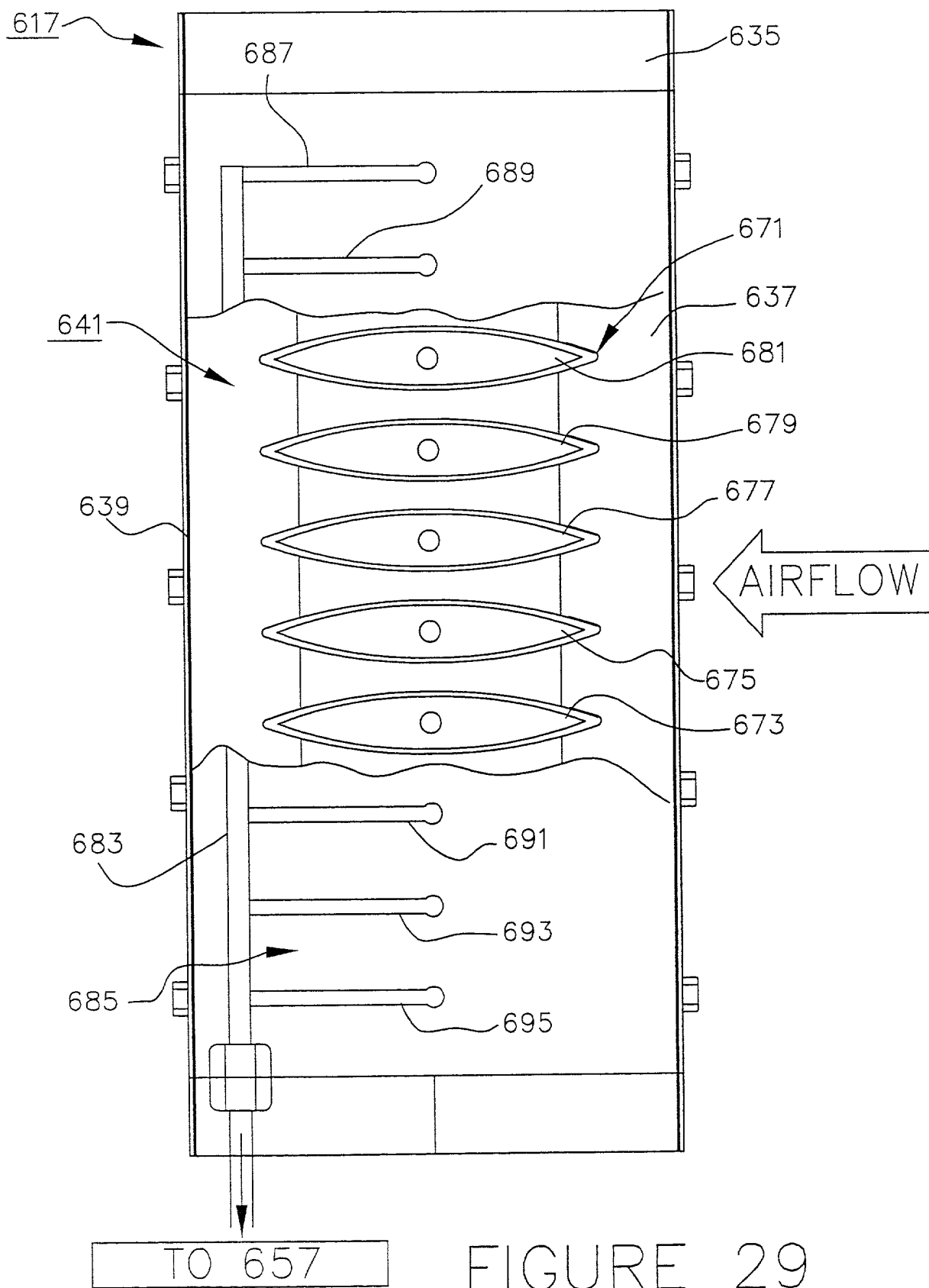


FIGURE 28



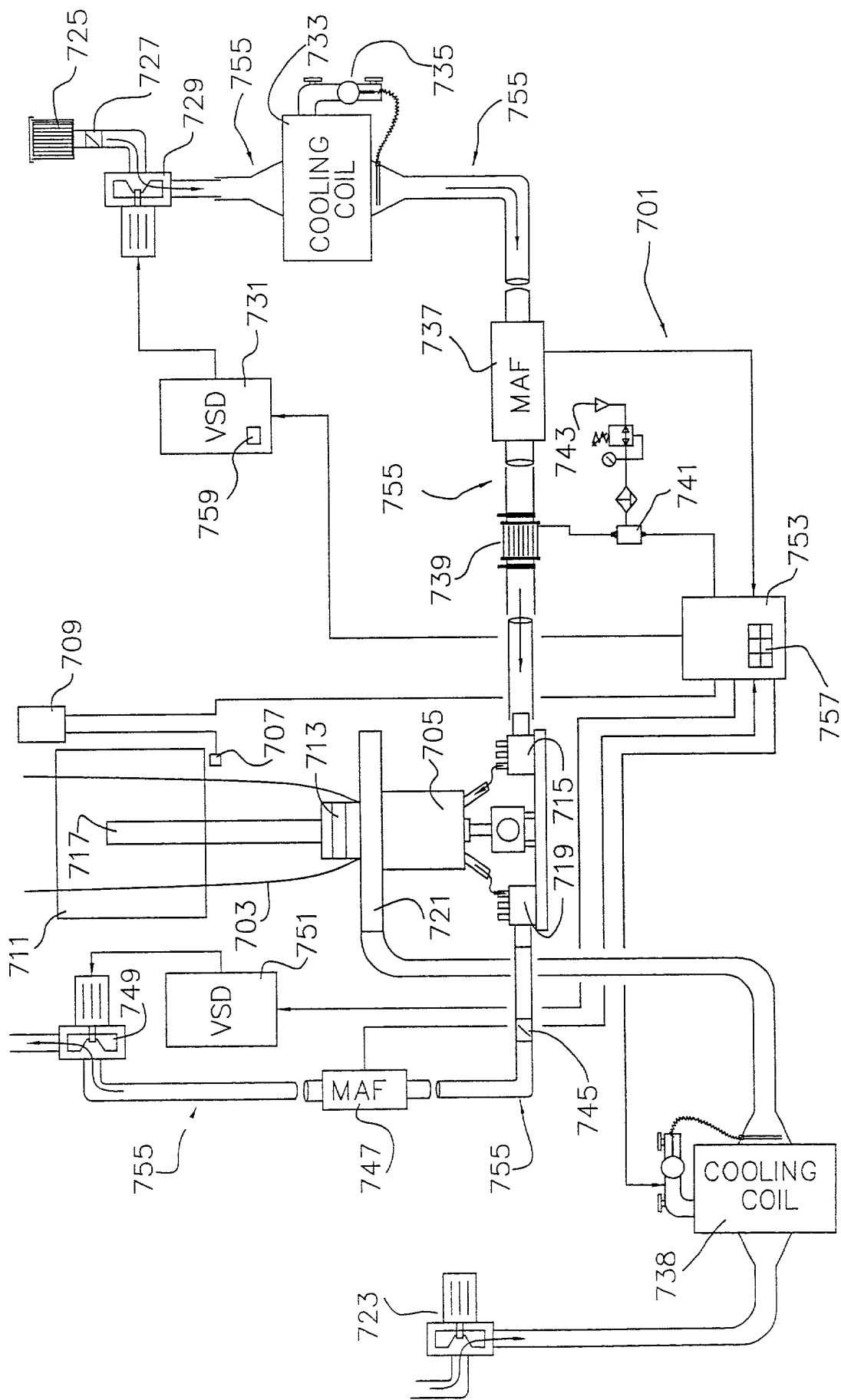


FIGURE 30

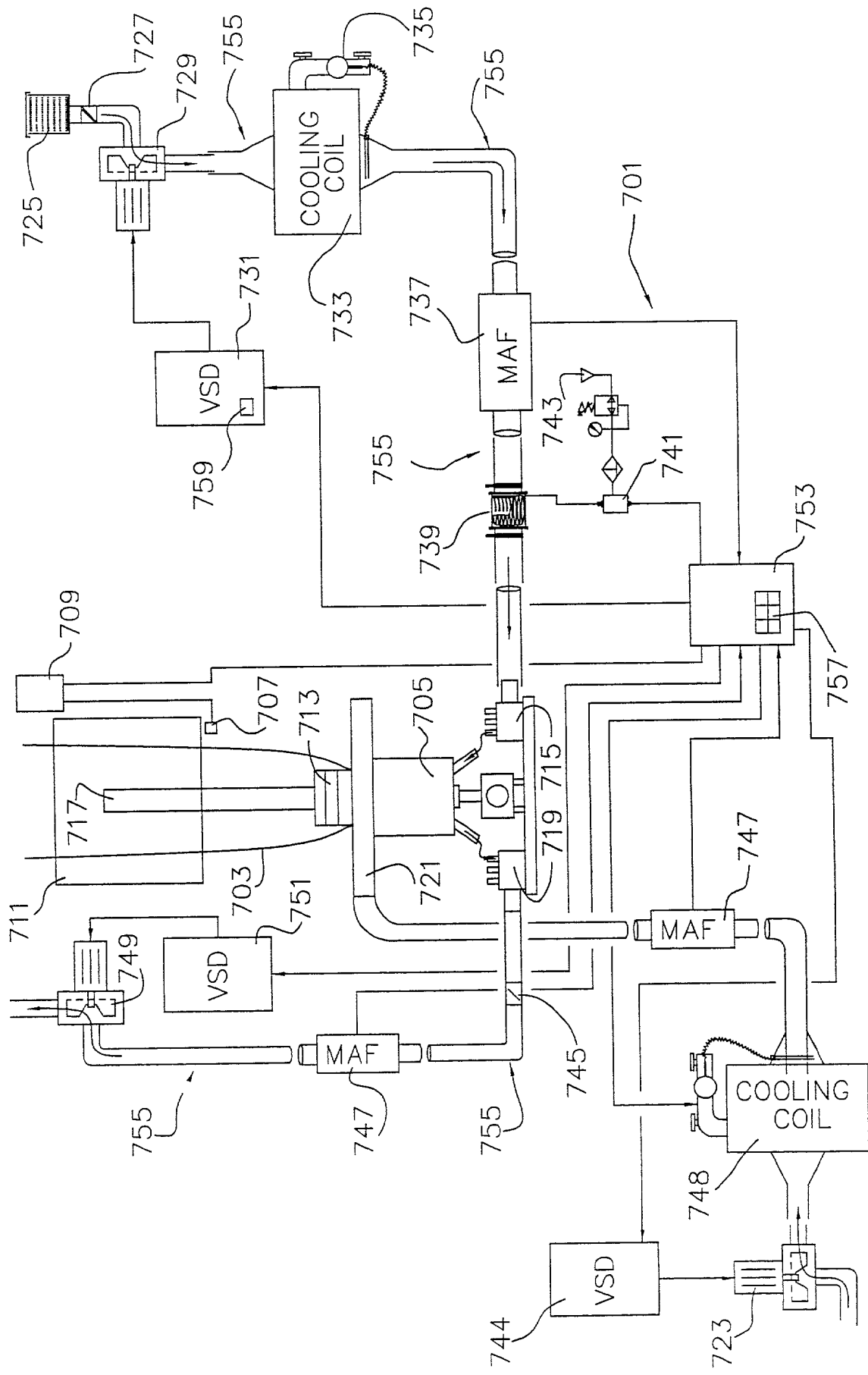


FIGURE 31

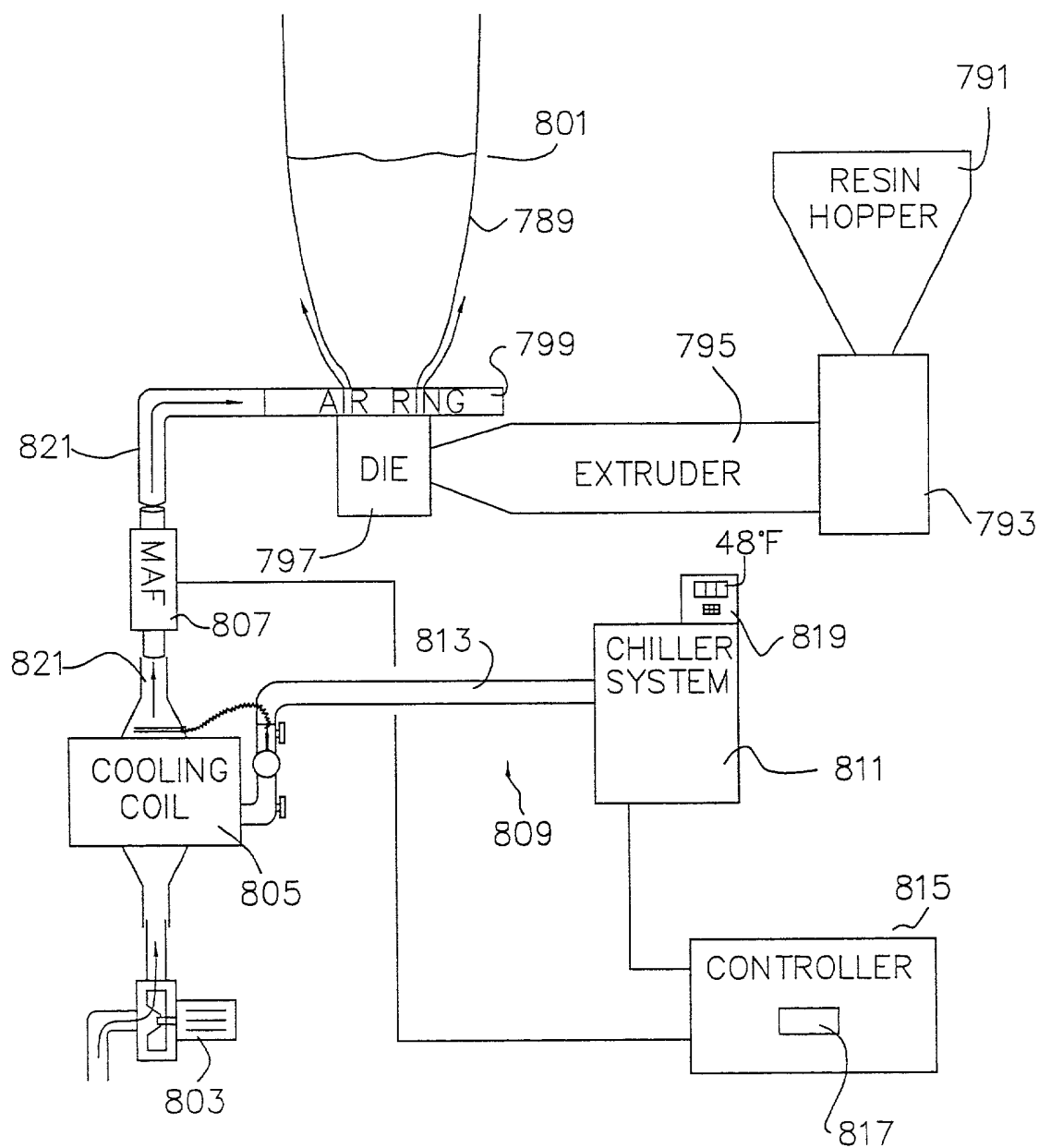


FIGURE 32

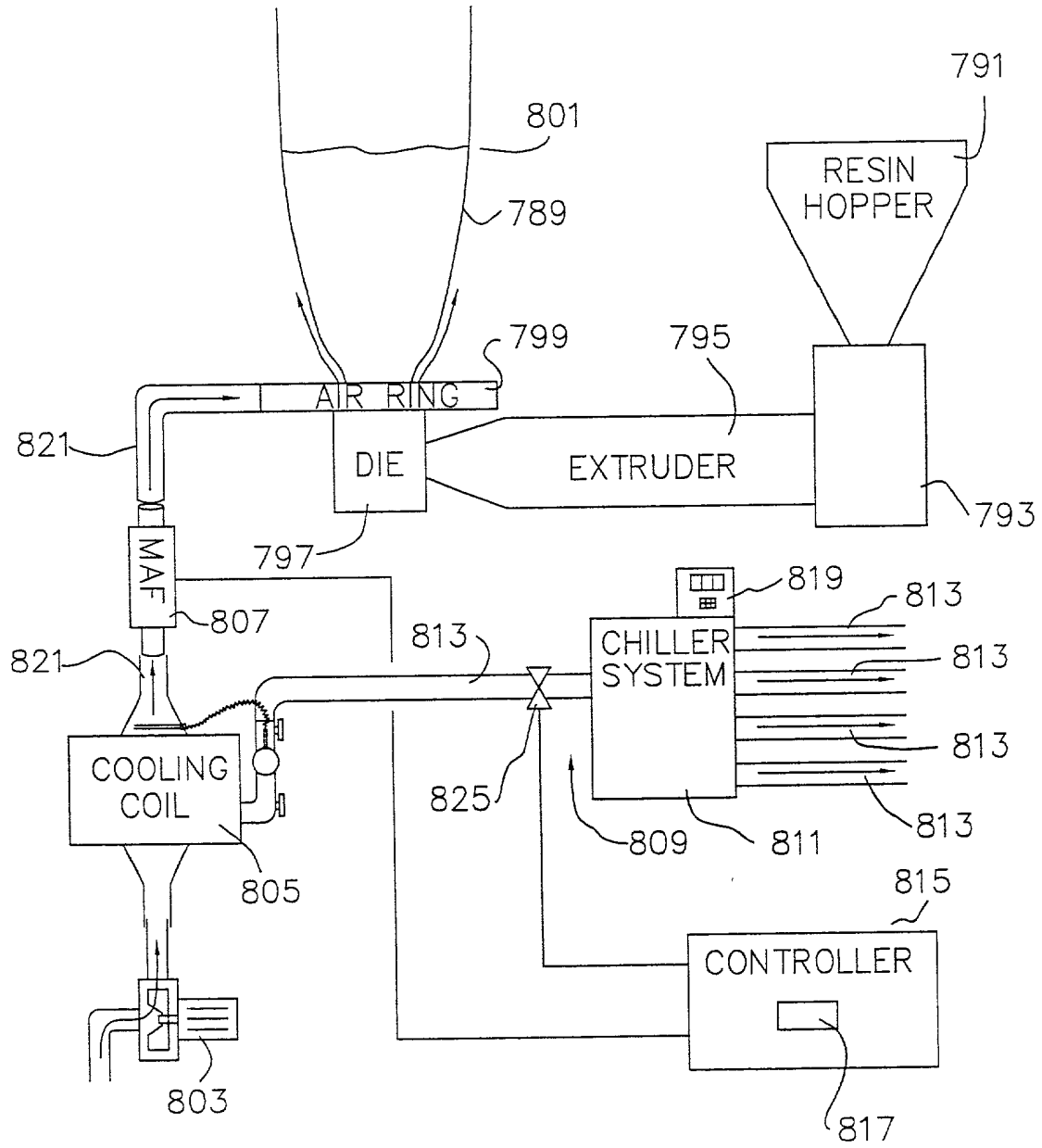


FIGURE 33

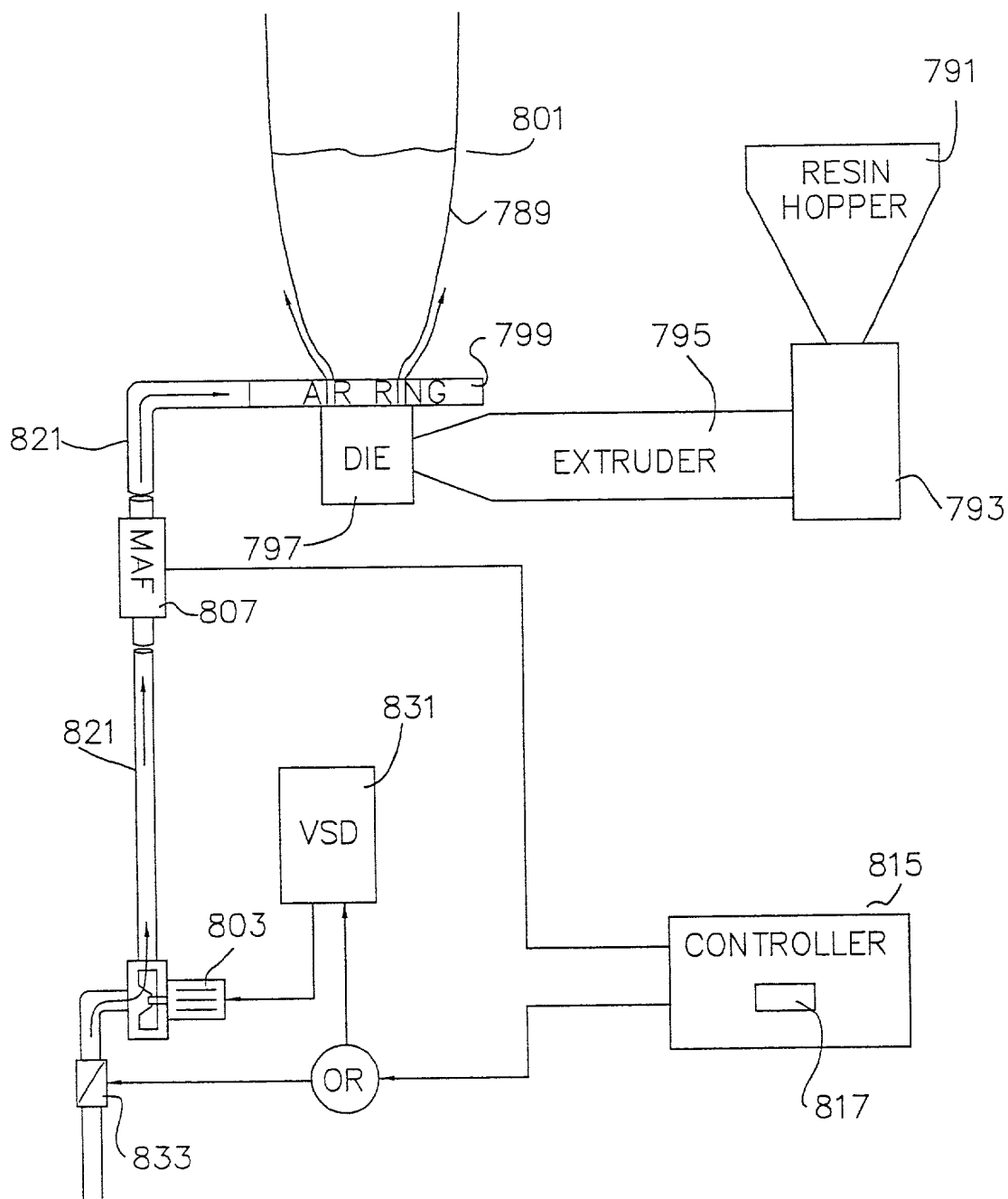


FIGURE 34

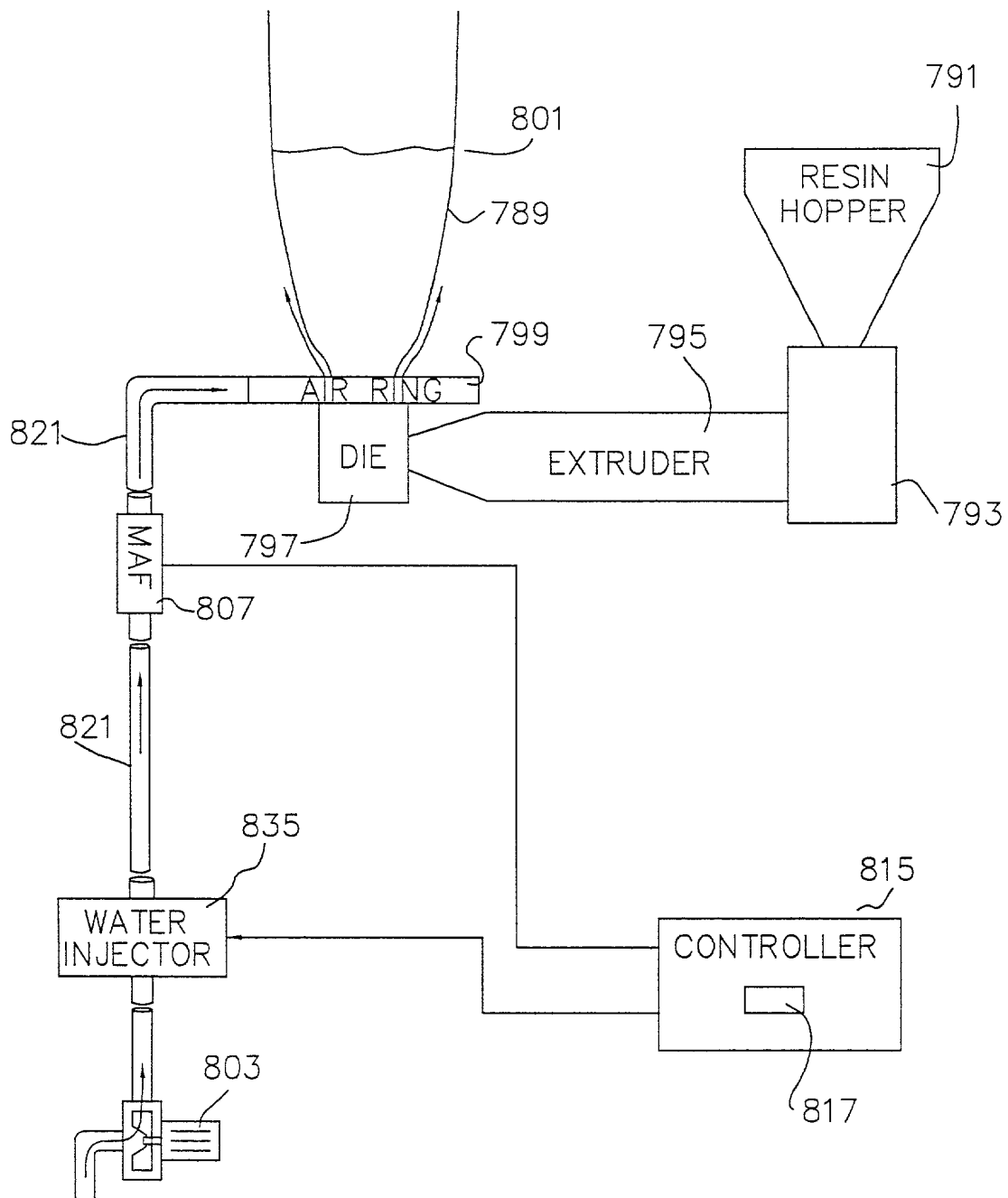


FIGURE 35

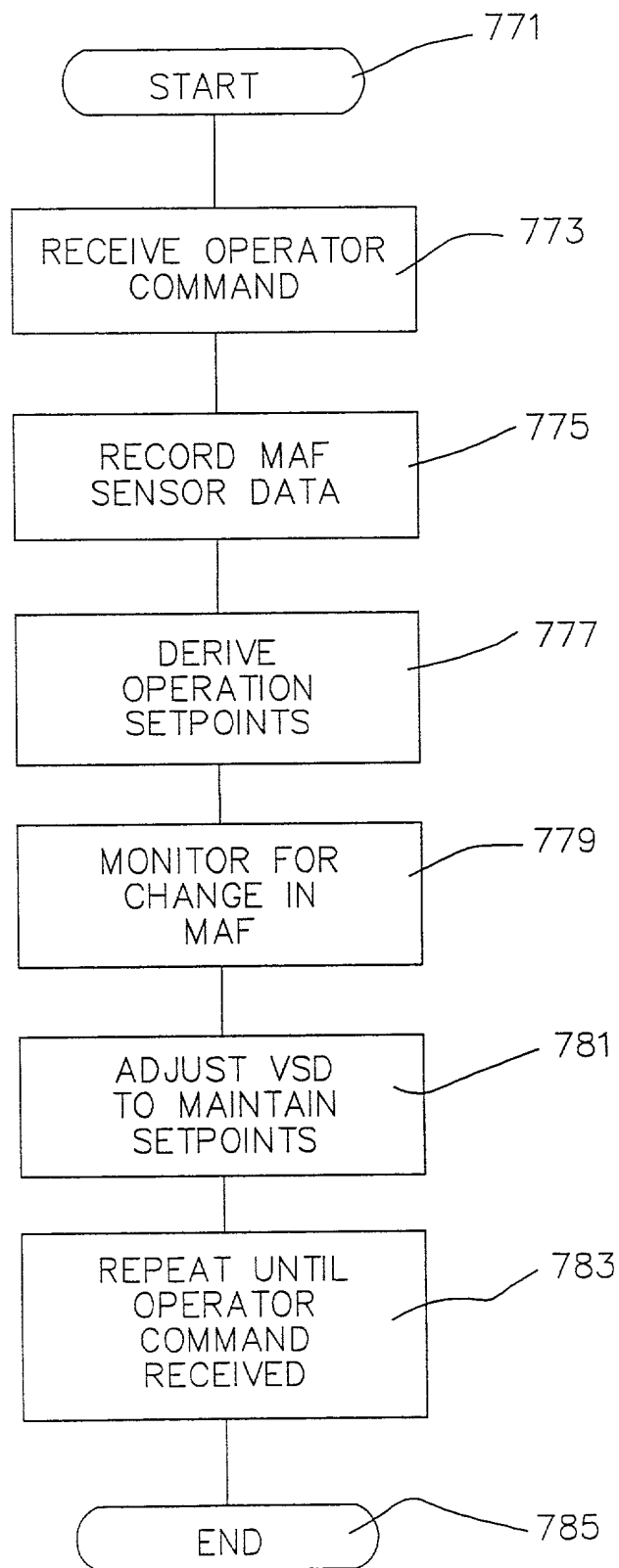


FIGURE 36

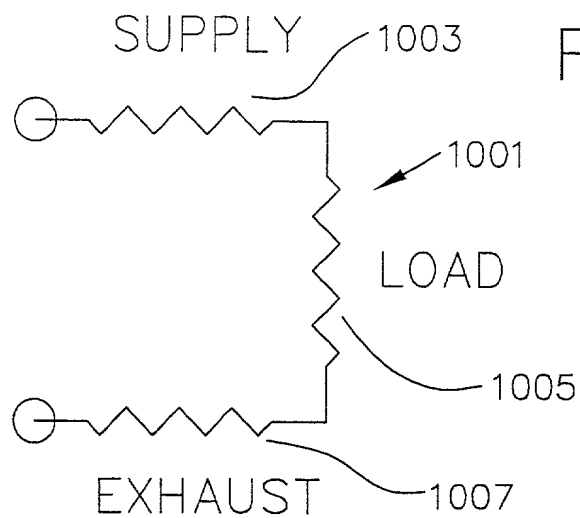


FIGURE 37A
(PRIOR ART)

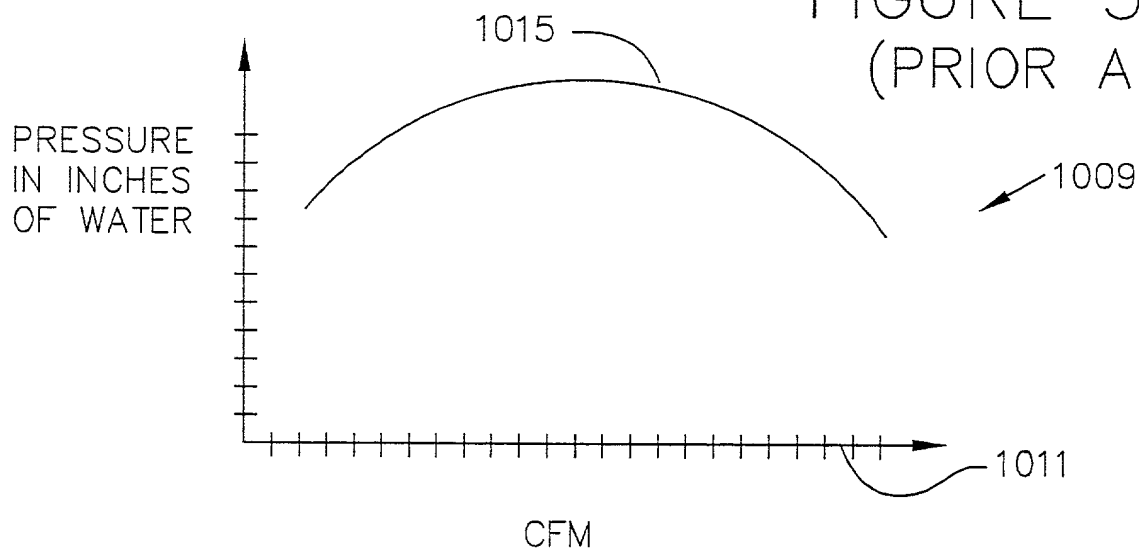


FIGURE 37B
(PRIOR ART)

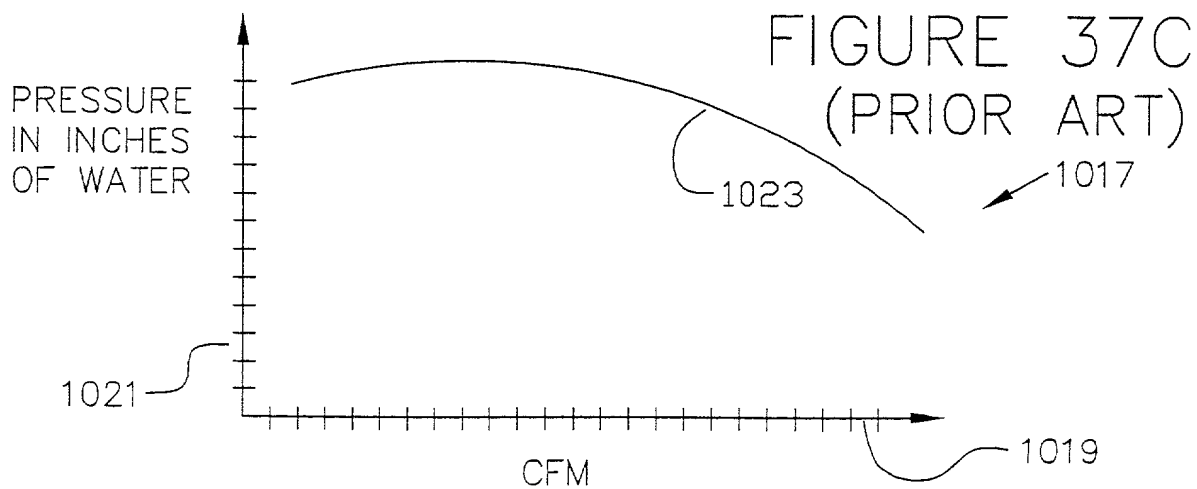


FIGURE 37C
(PRIOR ART)

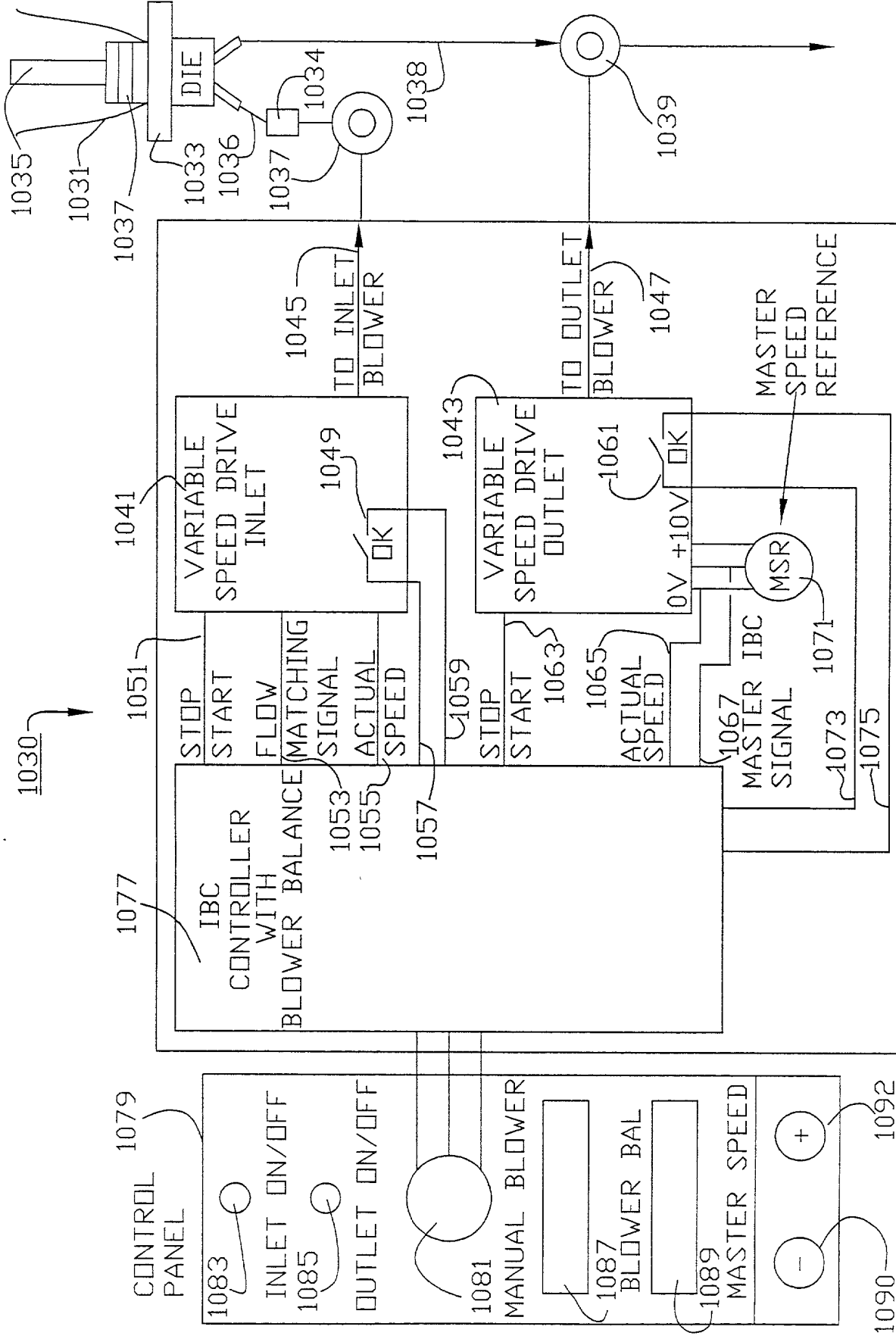


FIGURE 37D

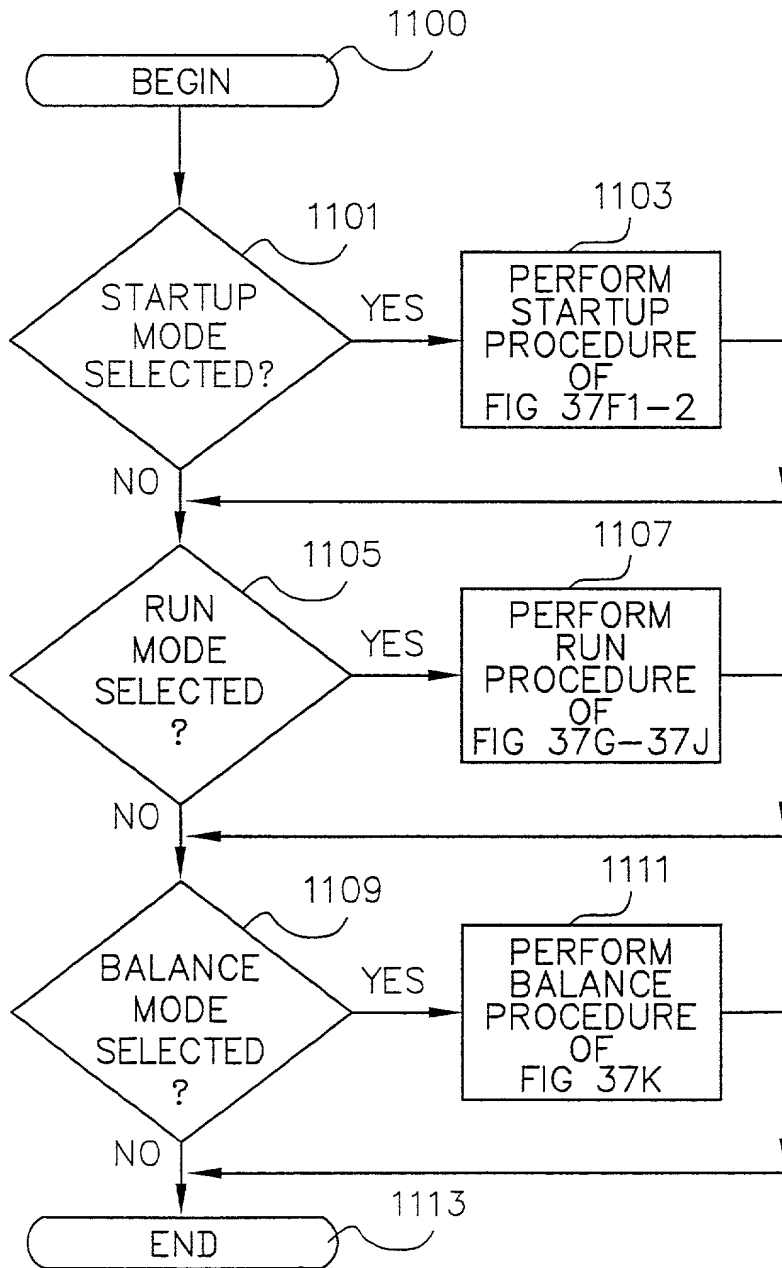


FIGURE 37E

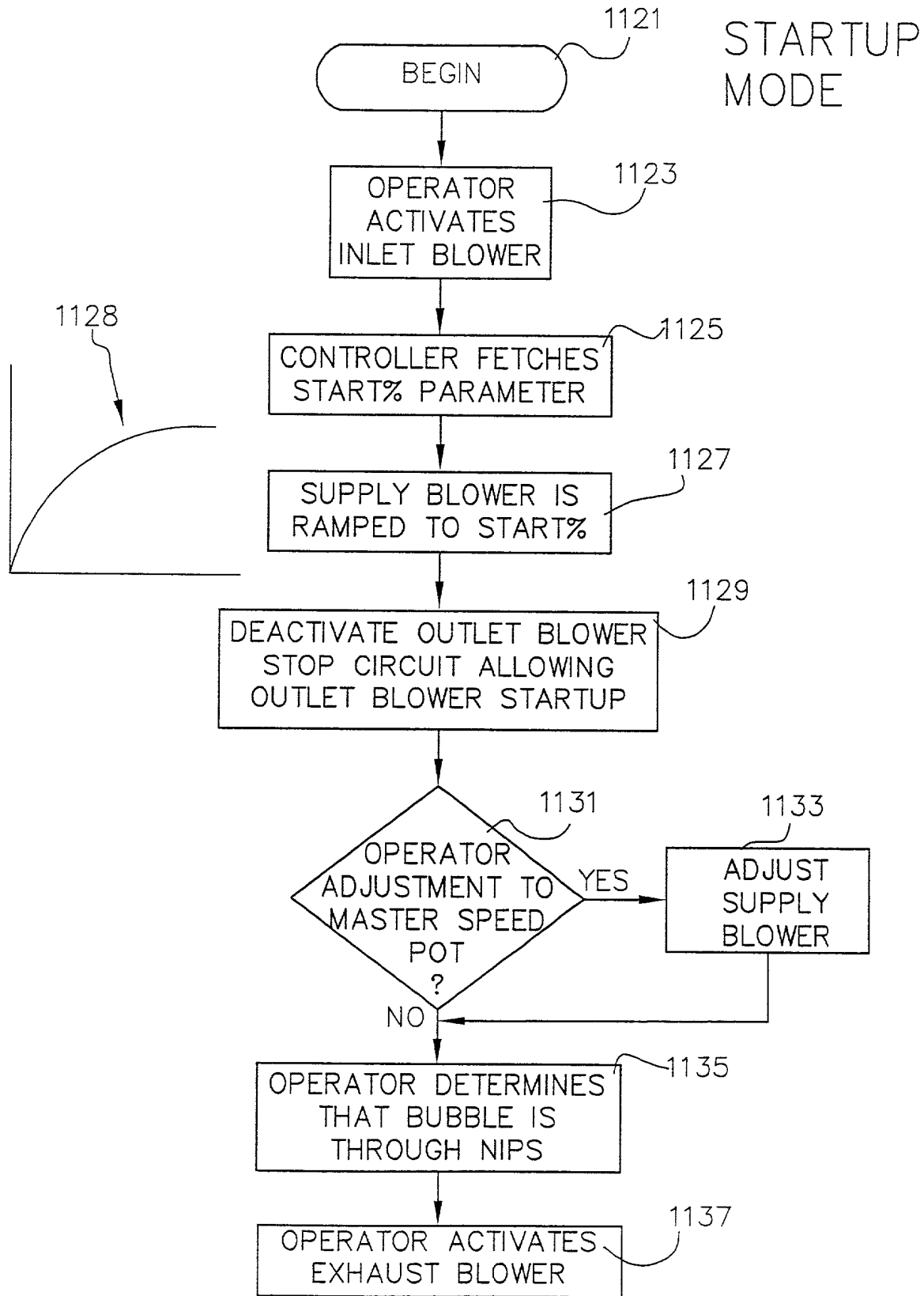


FIGURE 37F1

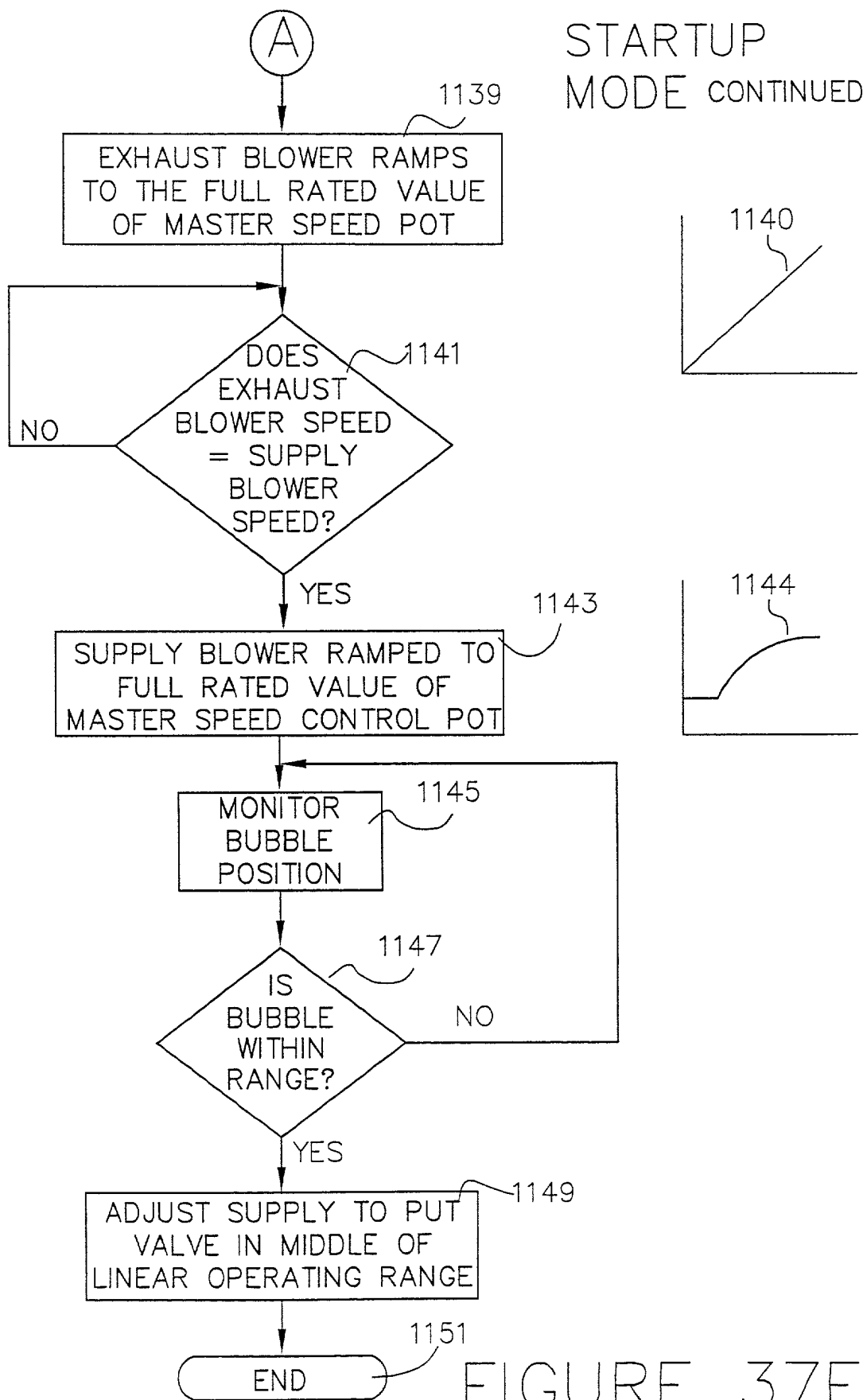


FIGURE 37F2

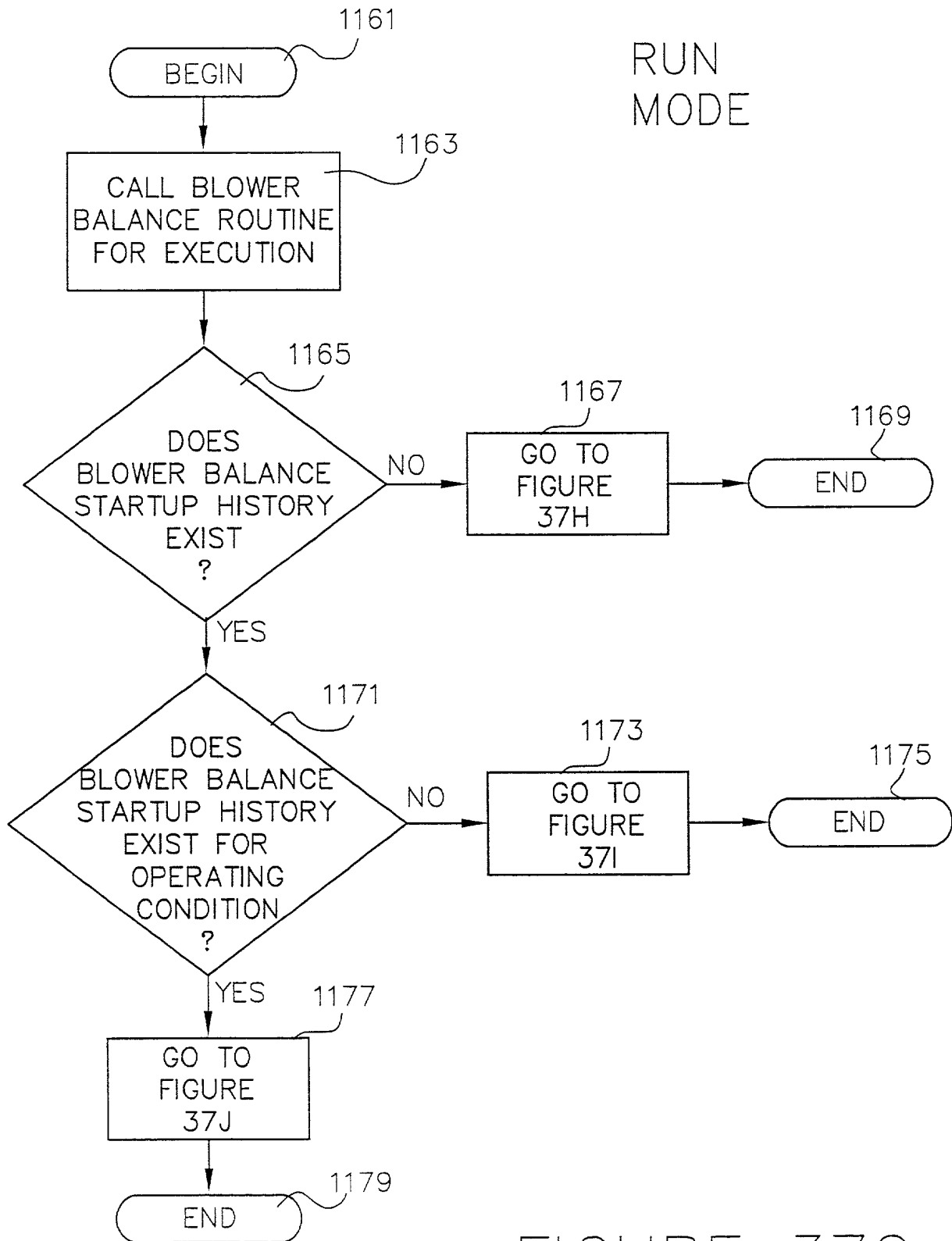


FIGURE 37G

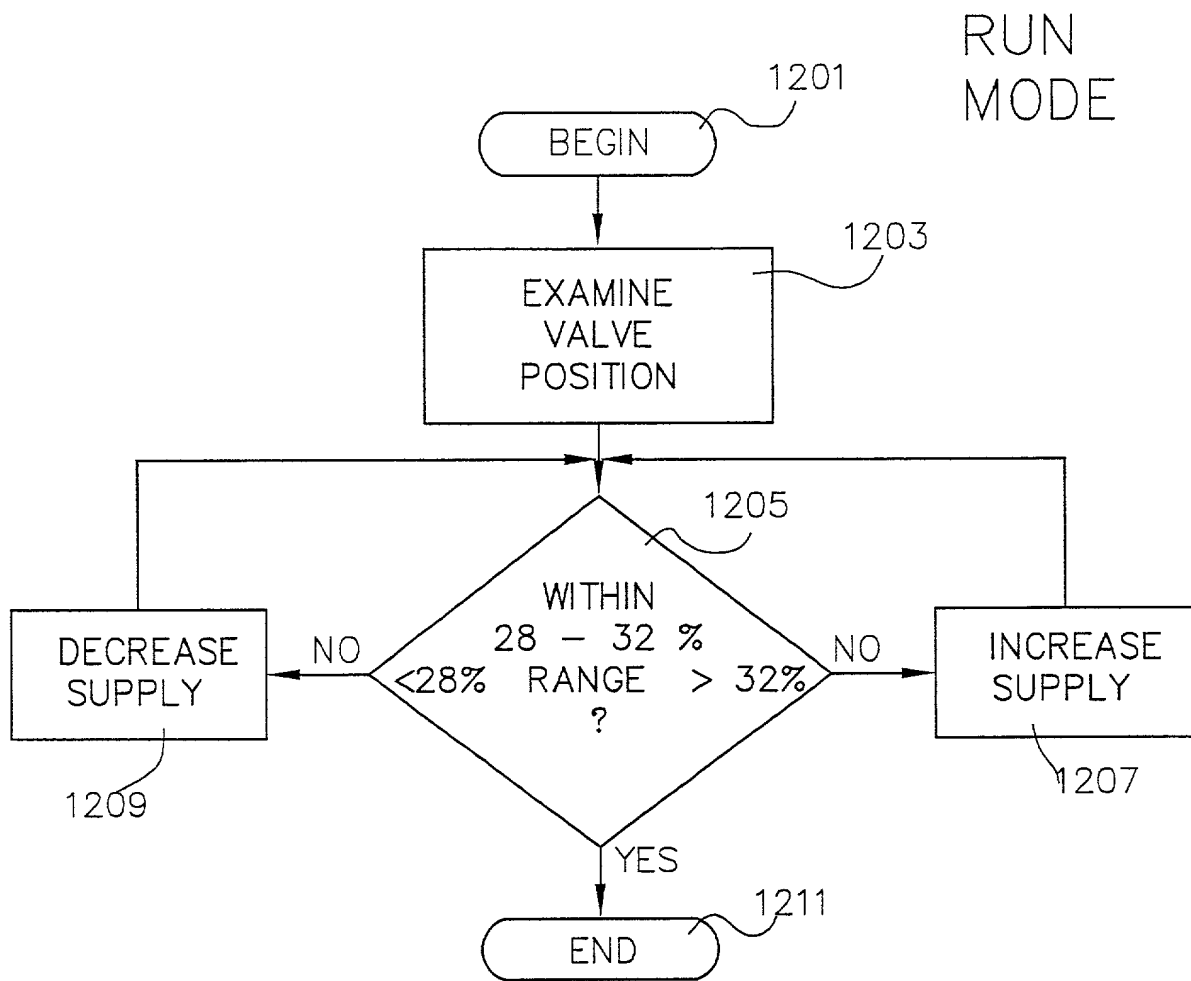


FIGURE 37H

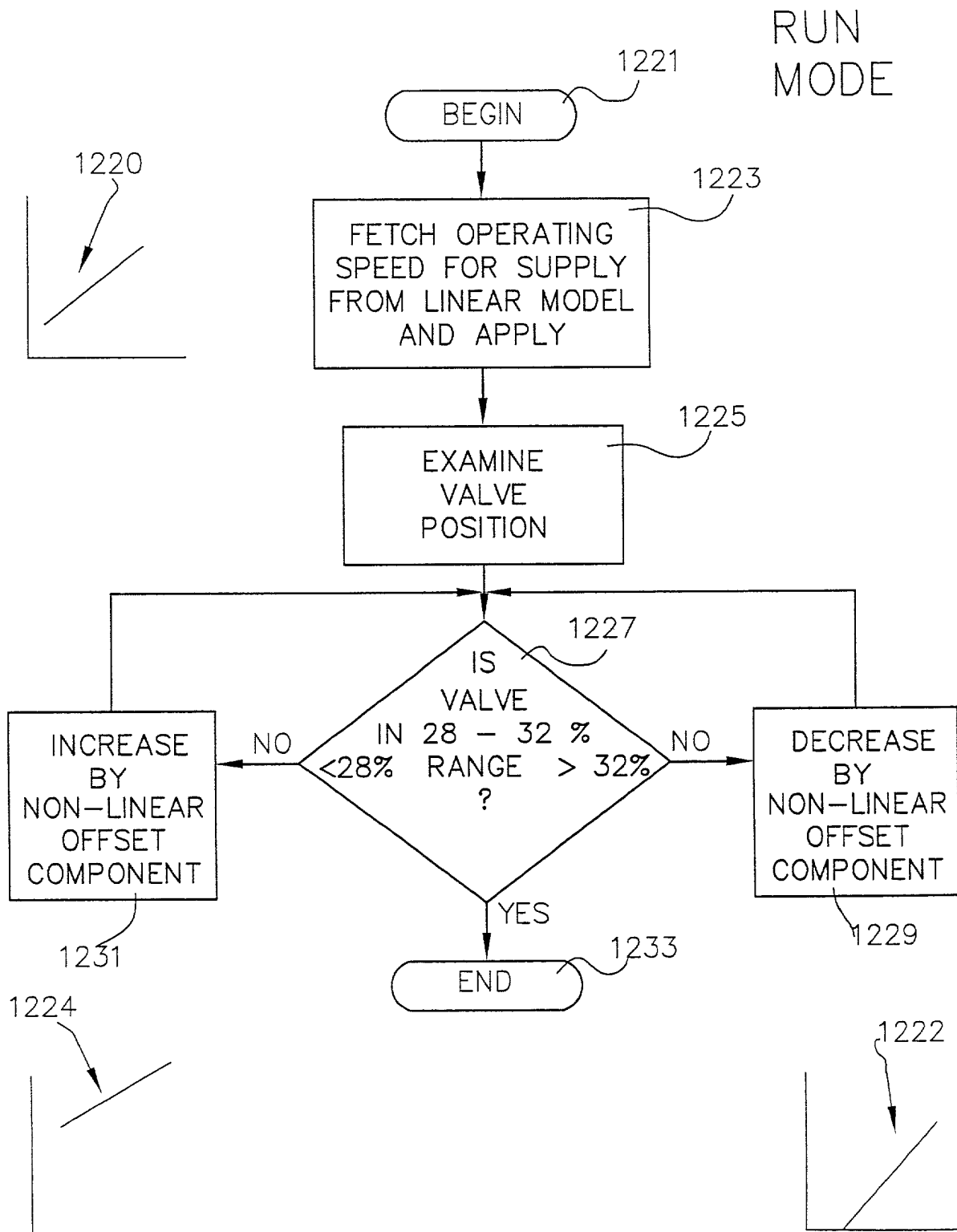
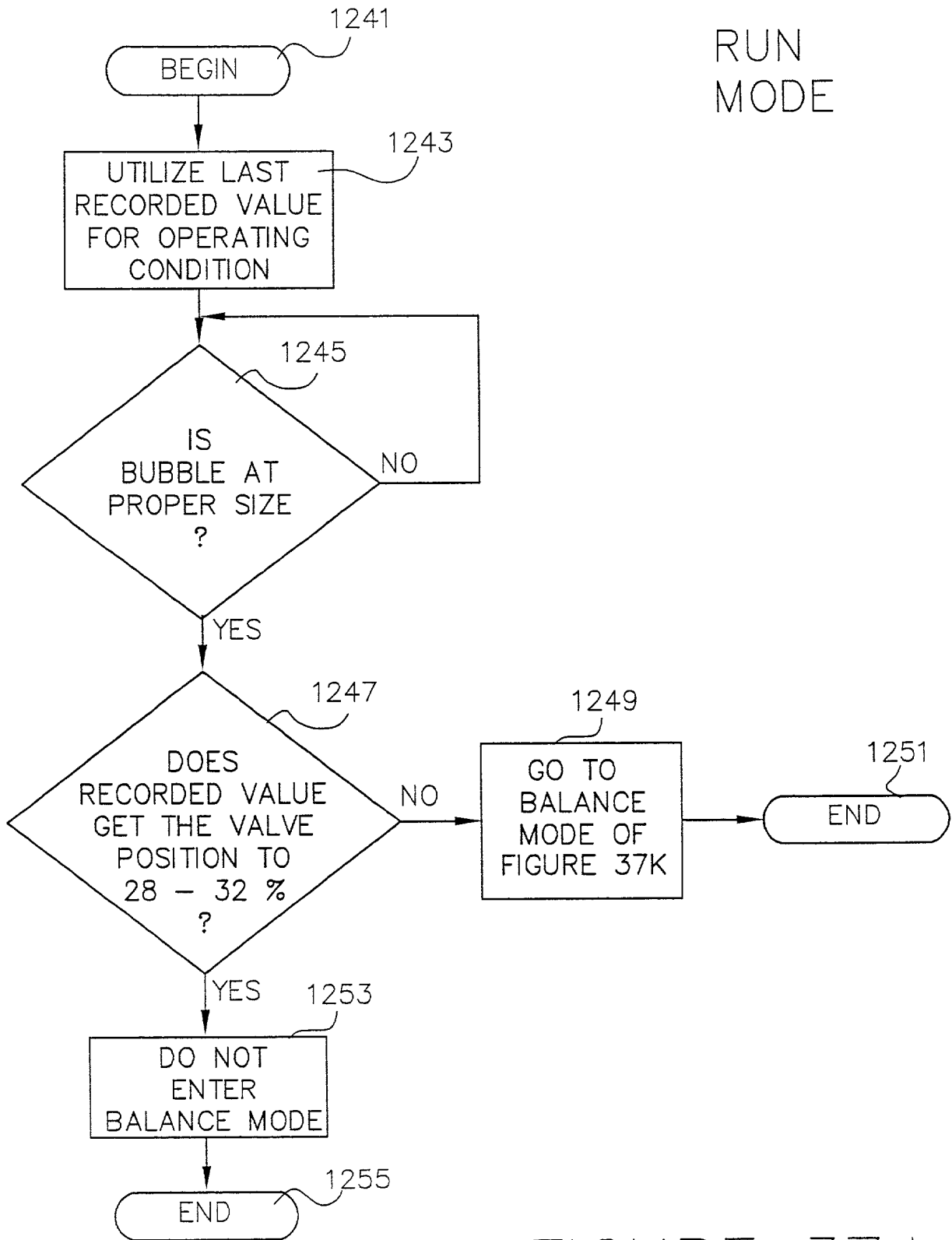


FIGURE 371



RUN
MODE

FIGURE 37J

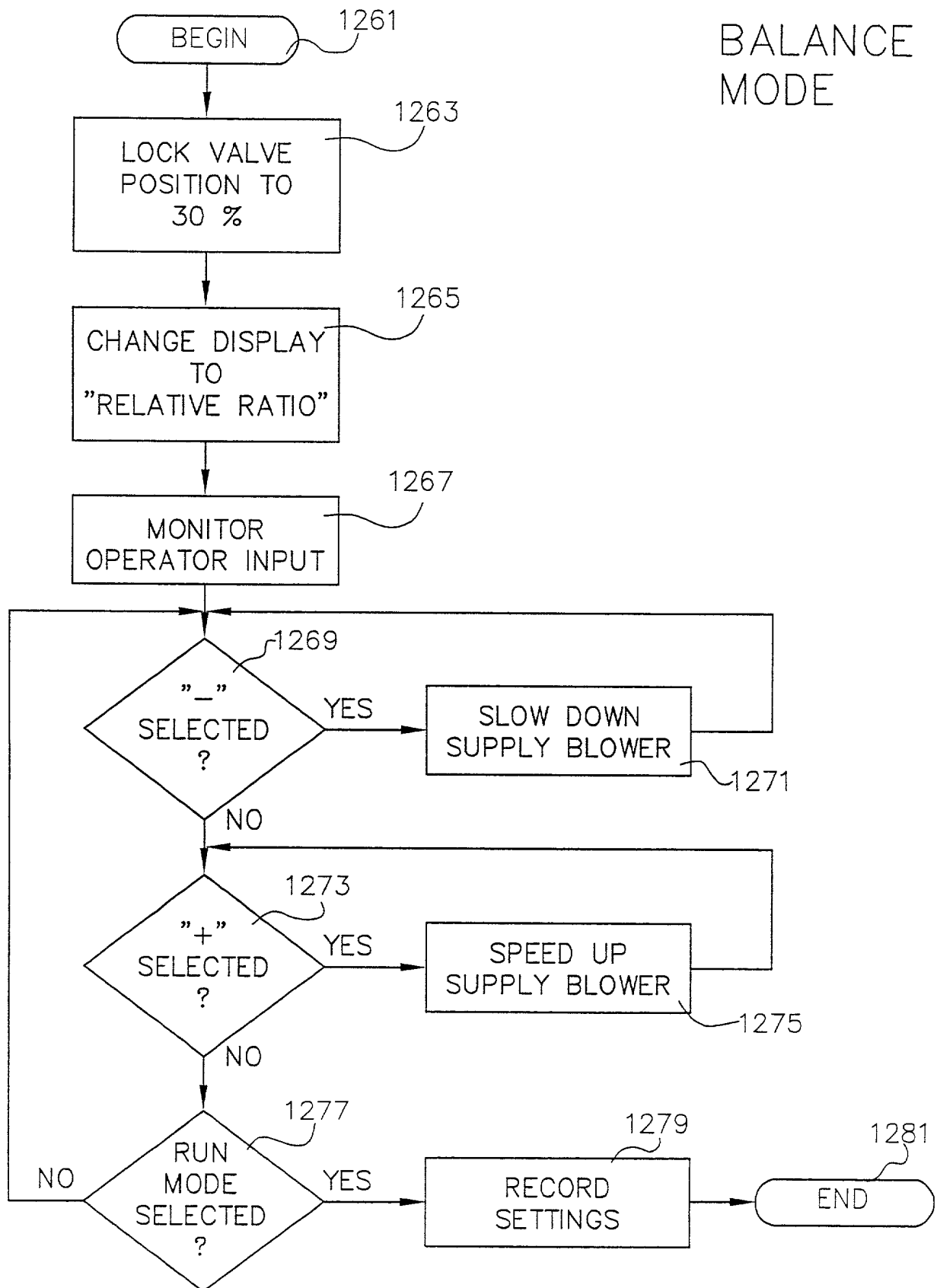


FIGURE 37K

1301 MASTER SPEED POT SETTING	1303 SUPPLY SPEED	1305 REFERENCE VOLTS
A% B% ◦ ◦ ◦ ◦ Z%	AC AG ◦ ◦ ◦ ◦ AM	BD BF ◦ ◦ ◦ ◦ BX

FIGURE 37L

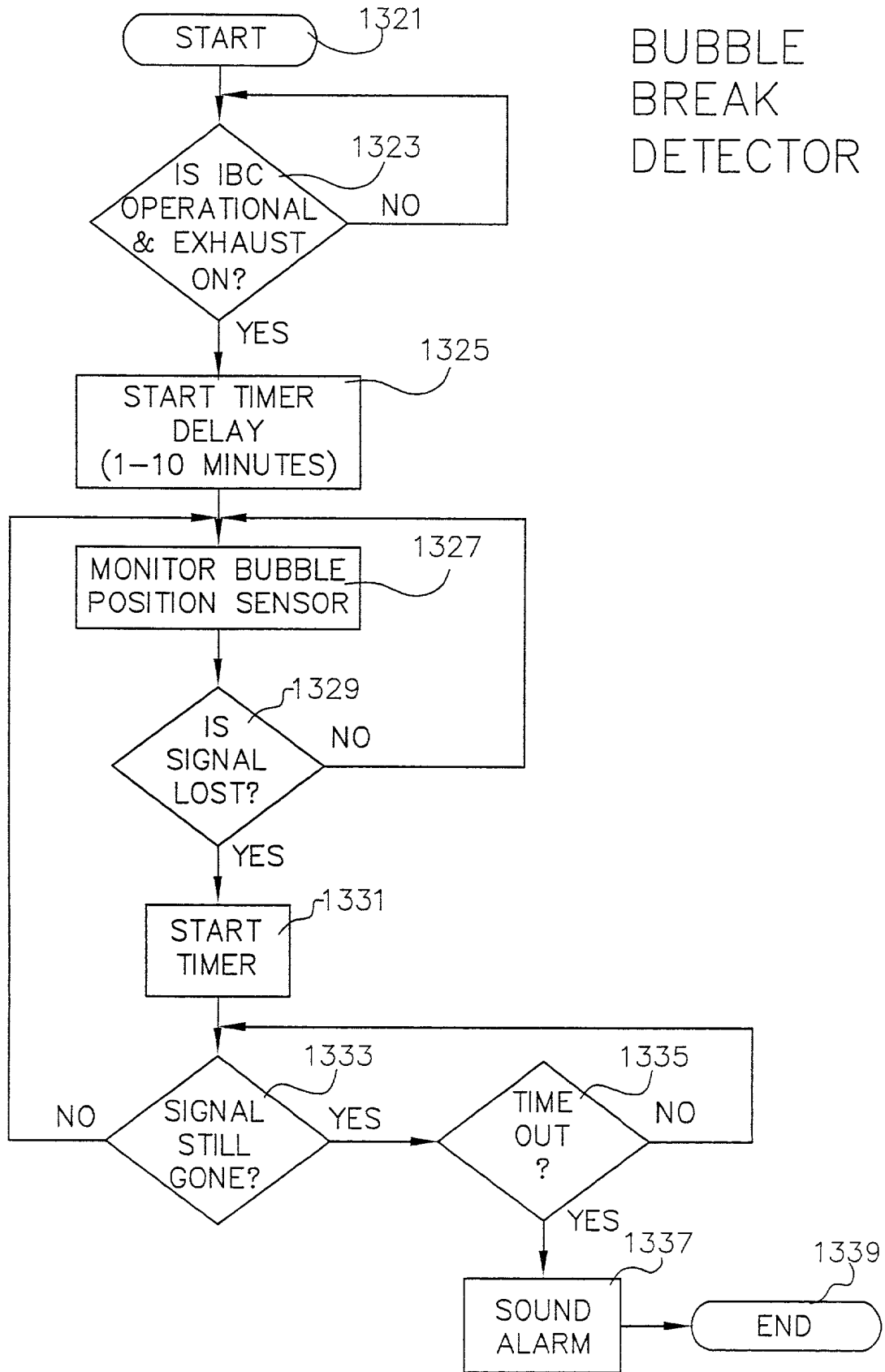


FIGURE 37M